

August 1998

SUPERFUND

Information on the Status of Sites



GAO

United States General Accounting Office Washington, D.C. 20548

Resources, Community, and Economic Development Division

B-280503

August 28, 1998

The Honorable John D. Dingell Ranking Minority Member Committee on Commerce House of Representatives

The Honorable Thomas J. Manton Ranking Minority Member Subcommittee on Finance and Hazardous Materials Committee on Commerce House of Representatives

The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) authorizes the Environmental Protection Agency (EPA) to identify severely contaminated hazardous waste sites and place them on the National Priorities List for cleanup under the Superfund program. The progress of cleanup work at National Priorities List sites has been a focus of congressional and EPA attention over the history of the program. National Priorities List sites generally follow a regular path toward cleanup that includes a study of site conditions and an evaluation of cleanup alternatives, the selection of one or more cleanup remedies (that is, the cleanup standards and techniques to be used at site), and the design and construction of the remedies.

Given the congressional interest in the status of sites on the National Priorities List, you asked us to (1) determine the progress the Superfund program has made in selecting remedies at both federal and nonfederal sites; (2) verify the accuracy of the information in the Superfund database on sites' cleanup progress; and (3) determine the number of cleanup projects that cannot be started in fiscal year 1998 because of a lack of funding.

Results in Brief

As of September 30, 1997, EPA had completed the selection of cleanup remedies at about 70 percent of the 1,327 National Priorities List sites listed as of that date that were expected to require a Superfund remedy.¹ It

¹According to information provided by EPA, no Superfund remedies will be selected for 26 of the total 1,353 sites on the National Priorities List as of September 30, 1997, because these sites have been transferred to another EPA program for cleanup or will not require a Superfund cleanup for some other reason. The percentages of National Priorities List sites in various remedy selection categories presented in this report are based on the 1,327 sites expected to require remedies in the Superfund program.

had selected at least one remedy at an additional 17 percent of the sites.² No remedies had been selected at 13 percent of the sites. In total, EPA had selected 1,925 remedies at National Priorities List sites and planned to select another 828 remedies. Remedy selection at federal sites has lagged behind selection at nonfederal sites because, according to EPA officials, many of the federal sites present more complex cleanup problems and were added to the National Priorities List after nonfederal sites. At the end of fiscal year 1997, EPA had completed remedy selection for about 76 percent of the nonfederal sites and for about 23 percent of the federal sites. EPA plans to complete remedy selection at an additional 19 percent of nonfederal sites and an additional 44 percent of federal sites by the end of fiscal year 1999. If these plans are realized, EPA will have completed remedy selection at about 95 percent of the nonfederal sites and about 67 percent of the federal sites that were listed as of September 30, 1997.

We tested the accuracy of the data in EPA's Superfund database on the progress of sites through the cleanup process for a statistically random sample of 98 National Priorities List sites. On the basis of our sample results, we estimate that the cleanup status of National Priorities List sites reported by the Superfund database as of September 30, 1997, was accurate for 95 percent (plus or minus 4.4 percent) of the sites. We found that this database incorrectly recorded the status of cleanup work at five sampled sites. Two of these sites had not progressed as far as the database indicated, two other sites had progressed beyond the cleanup phase indicated by the database, and at the fifth site, an action had been classified incorrectly.

EPA identified 46 sites that could start cleanup actions requiring Superfund financing in fiscal year 1998 at an estimated cost of about \$263 million. EPA officials expected to have about \$100 million available for new actions, an amount that they said could fund up to 20 sites. As a result of this anticipated funding shortfall, at least 26 sites could be ready for cleanup but have no work begun in fiscal year 1998. The amount of funds that proves to be available for cleanup by the end of the fiscal year and the number and the identity of sites ready for funding could vary from EPA's estimates, depending on the funding demands of competing Superfund activities, the progress of sites toward completing cleanup design, and other factors.

²Frequently, more than one cleanup remedy is needed to clean up a National Priorities List site.

Background

The National Priorities List (NPL) is EPA's list of hazardous waste sites that present the greatest long-term threats to human health and the environment. After being placed on the NPL, a site generally proceeds through the remedial program, which is responsible for conducting long-term cleanups. A remedial cleanup starts with a remedial investigation, which assesses in detail the contamination and related environmental and health risks, and a feasibility study, which evaluates alternative remedies for cleaning up a site. After one or more cleanup remedies are selected, EPA or, under EPA's oversight, the parties responsible for contaminating the site design the technical drawings and develop specifications for the remedial actions. The remedial actions are then constructed or implemented. To organize cleanup activities, EPA may divide a site into two or more "operable units" corresponding to different physical areas at the site or different environmental media, such as soil or groundwater.

Under CERCLA, EPA has the authority to compel parties responsible for the contamination at a site to perform the cleanup. EPA may also pay for the cleanup and attempt to recover the costs. Site cleanups conducted by EPA are financed through a trust fund, commonly called the Superfund, established under CERCLA. The state in which a site is located may also carry out a CERCLA cleanup and related actions at the site under an agreement with EPA.

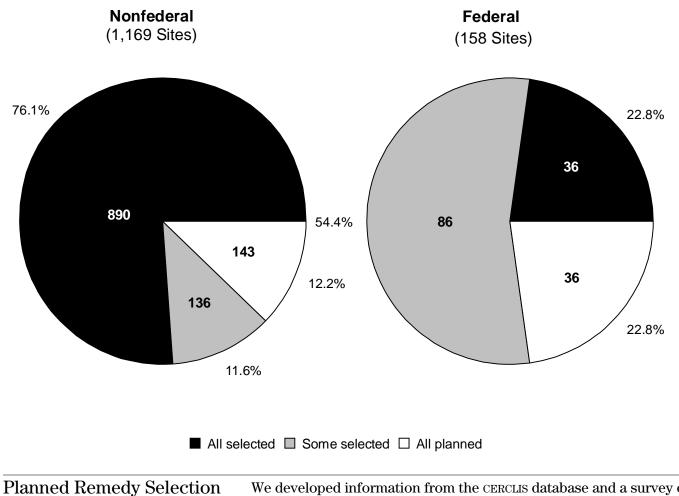
In addition to using the Superfund to pay for remedial actions at NPL sites, EPA can use the fund to pay for removal actions at NPL and other sites. Removals are shorter-term actions that generally address immediate threats from hazardous substances—such as removing leaking hazardous waste containers. These actions may be performed instead of or in addition to the remedial actions. Removal actions may use some of the same cleanup methods as the remedial program but are typically faster because they use a simpler site assessment and remedy selection process.

EPA uses a database called the Comprehensive Environmental Response and Liability Information System (CERCLIS) to track activities at NPL and other sites. CERCLIS also contains the dates by which EPA regions are planning to select remedies at NPL sites. Data entries to CERCLIS must be supported by specific documents required by the Superfund/Oil Program Implementation Manual. For example, an entry showing the completion of a remedy design by a responsible party must be supported by an EPA-approved final design document.

	EPA allocates the annual Superfund appropriation it receives from the Congress for various program functions. For example, it estimates the funds that will be needed to continue work at ongoing remediation projects and to conduct emergency removal actions. After these and other needs are provided for, it assigns the remaining funds to new cleanup actions. It uses a National Prioritization Panel to allocate these remaining funds to sites ready to start new remedial actions and to unusually large removal actions beyond what can be funded through the regular removal allocation. The Prioritization Panel, which consists of regional and headquarters officials, ranks new remedial and removal actions proposed by the regions in order of priority based on the risks the sites pose and
	other factors. EPA approves funding for projects based on these priority rankings.
Remedies Have Been Selected at Most NPL Sites	As of September 30, 1997, EPA had selected all remedies at about 70 percent of the NPL sites listed as of that date. It plans to complete the selection of remedies for an additional 22 percent of these sites by the end of fiscal year 1999.
Status of Remedy Selection	As of September 30, 1997, EPA had completed the selection of remedies at 926 (about 70 percent) of the 1,327 NPL sites listed as of that date that the Superfund program is expected to clean up. In addition, EPA had selected at least one remedy at another 222 sites. Almost 60 percent (133) of the sites with at least one remedy selected had only one more remedy to be selected. In total, 1,925 (almost 70 percent) of the 2,753 remedies expected to be selected for the sites listed by September 30, 1997, had been chosen. No remedies had been selected for 179 of the NPL sites. (App. I contains summary data on the status of remedy selection as of September 30, 1997, for nonfederal and federal sites; app. II summarizes remedy selection activity by state; app. III shows the remedy selection status of each NPL site; and app. IV list sites with at least one remedy selected and only one more to be selected.)
	Remedy selection was not as far along at federal sites as at nonfederal ones. All remedies had been selected for about 76 percent of the nonfederal sites (890 of 1,169 sites) compared with about 23 percent of the federal sites (36 of 158 sites). EPA had selected about 81 percent of the cleanup remedies planned for nonfederal sites (1,444 of 1,792 remedies) and about 50 percent of the cleanup remedies planned for federal sites (481 of 961 remedies). EPA officials said that the slower pace of remedy selection at federal sites occurred because many were listed on the NPL

after nonfederal sites and were larger and more complex. They said that their latest data showed that federal sites had an average of 8 operable units, while nonfederal sites contained 1.8 operable units on average. (See fig. 1 for the relative status of remedy selection at nonfederal and federal sites, as of September 30, 1997.)

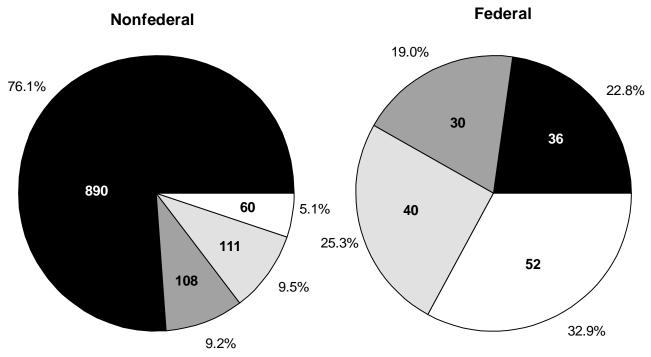




lanned Remedy Selection We developed information from the CERCLIS database and a survey of EPA regions to show the number of sites that are expected to complete remedy selection in future years and the number of remedies planned to be

selected at all sites in those years. (Appendix V shows the steps we took to confirm the planned remedy selection dates recorded in CERCLIS.) Our analysis indicates that in fiscal year 1998, EPA expects to complete remedy selection for 138 of the NPL sites that were listed as of September 30, 1997, and in fiscal year 1999, it expects to complete remedy selection for another 151 sites. If these plans are realized, by September 30, 1999, EPA will have selected all remedies for 1,215 sites, or 92 percent, of the 1,327 NPL sites listed as of September 30, 1997, that are expected to require remedies. Remedies will have been selected for about 95 percent of nonfederal sites (1,109 of 1,169 sites) and for about 67 percent of federal sites (106 of 158 sites). See fig. 2 for the number and percentage of nonfederal and federal sites that had all remedies selected by the end of fiscal year 1997 or that are expected to have all remedies selected by the end of fiscal years 1998 or 1999, or later.





End of FY 97 End of FY 98 End of FY 99 FY 2000 and later

Only 112 sites listed as of September 30, 1997, are not expected to have all remedies chosen by the end of fiscal year 1999. These consist of 52 federal and 60 nonfederal sites. A list of these 112 sites with the date they were listed on the NPL is shown in app. VI.

Data on the Progress of Cleanup Were Accurate for 95 Percent of Sites	CERCLIS contains information on the phase of cleanup reached by each operable unit at each NPL site. These cleanup phases include, in chronological order, the start and completion of a site study, the selection of a remedy, the start and completion of a remedial design, and the start and completion of a remedial action. CERCLIS also indicates whether all remedies have been constructed at sites. ³ To test the reliability of CERCLIS data regarding the cleanup phase reached at NPL sites, we selected a random sample of 98 NPL sites that had not reached the "construction complete" stage as of September 30, 1997, and sought confirmation from EPA's regional offices of the most recent remedial activity reported by CERCLIS for each operable unit at the sites. ⁴ We excluded sites at which construction was complete at all operable units because EPA's Inspector General had recently confirmed that the status of these sites has been accurately reported by EPA. ⁵			
	We selected from CERCLIS the most recent remedial action for 270 operable units at the 98 sampled sites. We requested that the regions provide us with documentation to support these actions. We considered the documentation provided to be adequate to confirm actions at 95 percent (93) of the sites. Regions reported that at five sites CERCLIS incorrectly recorded the status of cleanup work. At two of these sites, one or more operable units had not reached the cleanup stage recorded in CERCLIS; at two other sites, an operable unit had progressed beyond the stage indicated by CERCLIS; and at the fifth site, an action that was recorded as a remedial action in CERCLIS was actually a removal action. Regional information management personnel attributed these errors to data entry problems and agreed to correct the database. On the basis of our sample results, we estimate that the cleanup status of NPL sites reported by CERCLIS, as of September 30, 1997, was accurate for 95 percent (plus or			

 $^{^{3}}$ A site is considered to have reached the "construction complete" stage when the remedies for all of its operable units are functioning.

 $^{^4{\}rm The}$ CERCLIS database we used was dated December 15, 1997, and reflected updates and changes made after the close of fiscal year 1997.

 $^{^5\!}Superfund$ Construction Completion Reporting, Office of the Inspector General, EPA (Audit Report E1SGF7-05-0102-8100030, Dec. 30, 1997).

	minus 4.4 percent) of these sites. ⁶ Our estimate of accuracy is limited to the CERCLIS data showing the status of cleanup work.			
Not Enough Funds Are Available to Start Remedial Actions at All Sites	More sites are expected to be ready to begin cleanup actions ⁷ requiring expenditures from the Superfund in fiscal year 1998 than can be started with the funds allocated for new actions. As of June 5, 1998, EPA had approved about \$33 million in funding for new cleanup actions at 8 sites and had identified 38 other sites that could begin cleanup actions in fiscal year 1998 at an estimated cost of \$230 million. EPA officials expect that about \$100 million will be available to fund new cleanup actions by the end of the fiscal year, leaving a shortfall of about \$163 million. EPA officials believe that \$100 million will fund cleanup actions at up to 20 sites; the exact number will be determined by the cost of the individual projects selected. According to our analysis of EPA's data, there could be at least 26 sites where new cleanup actions cannot be started in fiscal year 1998 because funds will not be available. Estimates of the funds available for cleanup and the identity and number of the sites ready for cleanup action are subject to revision as the year progresses.			
Sites Ready for Remedial Action	According to the Senior Process Manager in EPA's Office of Solid Waste and Emergency Response, who chairs the National Prioritization Panel, a site is considered ready for a remedial action requiring Superfund financing in fiscal year 1998 if four conditions are expected to be met by the end of the fiscal year: (1) The remedial design is complete, (2) the contracting capacity exists to begin work, (3) the state in which the site is located has agreed to pay its share of the project's costs, and (4) settlement with the responsible parties is not likely. EPA's regional officials have identified 38 sites that are expected to be ready for cleanup actions in fiscal year 1998 but that had not been approved for funding as of June 5, 1998. (See app. VII for a list of these sites.) Removal actions are			
	⁶ Because we used a sample (called a probability sample) to develop our estimate, the estimate has a measurable precision, or sampling error, that is expressed as a plus/minus figure. A sampling error indicates how closely we can reproduce from a sample the results that we would obtain if were to take a complete count of the universe using the same measurement methods. By adding the sampling error to and subtracting it from the estimate, upper and lower bounds for the estimate were developed. This			

indicates how closely we can reproduce from a sample the results that we would obtain if were to take a complete count of the universe using the same measurement methods. By adding the sampling error to and subtracting it from the estimate, upper and lower bounds for the estimate were developed. This range is called a confidence interval. Sampling errors and confidence intervals are stated at a certain confidence level—in this case 95 percent. For example, an interval at the 95-percent confidence level means that in 95 out of 100 instances the sampling procedure we used would produce a confidence interval containing the universe value we are estimating.

⁷The term "cleanup actions" as used here includes remedial actions and unusually expensive removal actions that EPA's regions cannot fund from their regular removal budgets.

	scheduled for 10 of the 38 sites, $^{\rm 8}$ and remedial actions are scheduled at the other 28 sites.
	The ten removal actions are expected to cost \$56.5 million. According to the Chair of the National Prioritization Panel, top Superfund management will make a decision before the end of the fiscal year about how much of the \$100 million available for new cleanup actions can be spent on these removals. He estimated that about \$10 million will be allocated for removal actions.
Factors Affecting Funding Availability and Needs	According to EPA officials, the number and identity of the sites that will ultimately receive funding in fiscal year 1998 for new cleanup actions depend on events that may unfold during the year. These events could affect both the supply of funds and the readiness of sites for cleanup action.
	The Chair of the National Prioritization Panel said that \$100 million is his best estimate of the funds that will be available for new cleanup actions for fiscal year 1998. However, he said that the actual amount could vary from the estimate because of changes in expected expenditures for competing Superfund activities, such as ongoing remedial action projects, and the results of negotiations with responsible parties over EPA's contribution to certain new cleanup projects. The amount available for new remedial actions could also be affected by the amount of unspent funds that is recovered from Superfund contracts. ⁹
	The number and identity of sites ready for remedial actions in fiscal year 1998 could also change. For example, the scheduled completion of remedial designs could slip, thereby postponing the start of remedial actions, or settlements with responsible parties not now anticipated might be achieved, thereby negating the need for Superfund financing. Panel members in the EPA regions we interviewed thought there was a possibility of such settlements for 2 of the 38 sites not funded as of June 5, 1998.
	The estimates of cleanup costs for individual sites are also subject to some revision. The estimates for some sites are based on preliminary design
	⁸ According to an EPA official, two of the scheduled removals may be reclassified as remedial actions later in the fiscal year.

⁹In many instances, the amount of funds obligated for Superfund contracts exceeds the amount eventually needed to pay the contractors. These funds may be deobligated and used for other Superfund activities. See Environmental Protection: Opportunities to Recover Funds Obligated for Completed Superfund Projects (GAO/T-RCED-97-134, Apr. 15, 1997).

	estimates. In addition, at sites where remedial action costs are estimated at over \$5 million, cleanup may be financed over more than one fiscal year when possible. Fifteen of the 38 unfunded sites have estimated remedial action costs exceeding \$5 million.
Agency Comments	We provided copies of a draft of this report to EPA for review and comment. EPA responded that the report and the data reported in it were accurate and that the agency had no further comments.
Scope and Methodology	To determine the progress the Superfund program has made in selecting remedies, we obtained a copy of the CERCLIS database dated December 15, 1997. We analyzed this database to calculate the number of sites with all remedies selected by September 30, 1997, and the number of remedies planned for both nonfederal and federal sites. We adjusted the CERCLIS remedy selection data in accordance with information provided by EPA's regions as described in app. V.
	To verify the accuracy of the information in CERCLIS on sites' cleanup progress, we selected a statistically random sample of 98 sites. For each operable unit at each site, we obtained CERCLIS data showing the latest remedial action as of September 30, 1997, such as the start of a site study or the completion of a remedial design. We asked each EPA region to provide us with documents to demonstrate that the action indicated by CERCLIS had taken place. If documentation was unavailable, we talked to information management coordinators and site managers to obtain testimonial evidence that the information recorded in CERCLIS was accurate and reviewed published reports of work completed at the sites. On the basis of this survey, we estimated the accuracy of the CERCLIS data on site status.
	We also checked with the responsible EPA regional offices on the accuracy of the information in CERCLIS about sites at which remedy selection was planned to be completed in fiscal years 1998 and 1999. Using the CERCLIS database, we developed lists of 586 sites with remedies planned for completion by September 30, 1999. From these lists, we determined that 166 sites fit into one of three categories: (1) The study phase that precedes remedy selection had not started, (2) the study phase was started during calendar year 1997, or (3) the study phase was started before calendar year 1990. The first two categories presented questions as to the completion of the remedies in the time forecast by CERCLIS, since studies

take an average of over 4 years to complete, and the third category raised questions because of the long apparent delays in completing the studies. We provided the lists to EPA's regions and asked them to confirm the study and remedy dates or to revise the dates. We also asked regional officials to explain why they thought that the remedy selection dates could be met and to state how confident they were that the dates could be met. The regions were asked to add to the lists any sites that would have remedies completed by September 30, 1999, if those sites were not shown on the lists. We followed up by telephone to clarify the regions' responses and to obtain missing or incomplete information. (The results of this work are provided in app. V.)

To determine the number of cleanup projects that cannot be started in fiscal year 1998 because of a lack of funding, we interviewed the chair of the National Prioritization Panel and other EPA officials, obtained lists of sites considered by the Panel for funding, and confirmed with regional officials that the listed sites were expected to be ready for new cleanup actions in fiscal year 1998.

We conducted our review in accordance with generally accepted government auditing standards from October 1997 through August 1998.

As arranged with your offices, unless you publicly announce its contents earlier, we plan no further distribution of this report until 30 days after the date of this letter. At that time, we will send copies of the report to other congressional committees; the Administrator, EPA; the Director, Office of Management and Budget; and other interested parties. We will also make copies available to others on request.

Should you need further information, please call me at (202) 512-6111. Major contributors to this report are listed in appendix VIII.

Peter F. Guerrero Director, Environmental Protection Issues

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Abbreviations

CERCLA	Comprehensive Environmental Response, Compensation,
	and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response and Liability
	Information System
DOE	U.S. Department of Energy
DOI	U.S. Department of the Interior
DOT	U.S. Department of Transportation
EPA	Environmental Protection Agency
NASA	National Aeronautics and Space Administration
NOAA	National Oceanic and Atmospheric Administration
NPL	National Priorities List
USDA	U.S. Department of Agriculture

Completed and Planned Remedies at Sites on the National Priorities List, as of September 30, 1997

Status of remedy	Nonfederal		Federal		Total	
selection	Sites	Remedies	Sites	Remedies	Sites	Remedies
All remedies selected	890	1,208	36	139	926	1,347
Some remedies selected	136	236	86	342	222	578
Total remedies selected	1,026	1,444	122	481	1,148	1,925
Remedies planned at sites with some remedies selected	136ª	180	86ª	344	222ª	524
Remedies planned at sites with no remedies selected	143	168	36	136	179	304
Total	1,169	1,792	158	961	1,327	2,753

^aThese sites are the same sites shown in the "Some remedies selected" row. They are not added in the totals to avoid double counting.

Appendix II

Summary of Remedy Selection by State/Territory, as of September 30, 1997

State/territory	Total number of sites	Remedies selected	Remedies planned	Total remedies
Alabama	13	25	6	31
Alaska	8	23	4	27
American Samoa	1	1	0	1
Arizona	11	21	12	33
Arkansas	12	17	1	18
California	94	122	83	205
Colorado	17	58	21	79
Connecticut	16	16	14	30
Delaware	20	32	6	38
Florida	62	91	41	132
Georgia	16	24	9	33
Guam	2	1	6	7
Hawaii	4	4	14	18
Idaho	9	26	12	38
Illinois	39	32	26	58
Indiana	34	41	9	50
lowa	20	21	5	26
Kansas	14	15	10	25
Kentucky	20	27	13	40
Louisiana	14	15	5	20
Maine	12	20	13	33
Maryland	16	24	18	42
Massachusetts	31	45	30	75
Michigan	77	83	22	105
Minnesota	39	60	6	66
Mississippi	3	3	0	3
Missouri	23	26	15	41
Montana	8	15	5	20
Nebraska	10	17	12	29
Nevada	1	1	1	2
New Hampshire	18	28	4	32
New Jersey	116	174	60	234
New Mexico	11	14	2	16
New York	86	121	48	169
North Carolina	24	48	9	57
North Dakota	2	3	0	3
Northern Marianas	1	0	0	0
Ohio	34	51	9	60

Appendix II Summary of Remedy Selection by State/Territory, as of September 30, 1997

State/territory	Total number of sites	Remedies selected	Remedies planned	Total remedies
Oklahoma	10	16	2	18
Oregon	12	18	3	21
Pennsylvania	110	152	50	202
Puerto Rico	10	13	1	14
Rhode Island	12	15	11	26
South Carolina	27	51	44	95
South Dakota	3	16	0	16
Tennessee	17	43	41	84
Texas	31	42	7	49
Trust Territories	1	0	0	0
Utah	12	27	10	37
Vermont	8	7	2	9
Virgin Islands	2	1	1	2
Virginia	27	36	54	90
Washington	59	76	31	107
West Virginia	6	10	11	21
Wisconsin	40	49	5	54
Wyoming	2	8	4	12
Total	1,327	1,925	828	2,753

Status of Remedy Selection at Nonfederal and Federal Sites, as of September 30, 1997

Table III.1: Nonfederal Sites' Status of Remedy Selections, as of September 30, 1997

		Remedies s 9/30						
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with	Number o		to be selected	Site Sites with all	s Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected		1998 1999	by fiscal y 2000 & beyond	rear Total planned remedies	remedies selected by 1998	remedies selected by 1999
Alabama		00100104	00100100	1000 1000	beyena	Temedice		1000
Ciba-Geigy Corp. (McIntosh Plant)	×	4						
Interstate Lead Co. (ILCO)	x	3						
Mowbray Engineering Co.	x	1						
Olin Corp. (McIntosh Plant)			1	1		1	Х	
Perdido Groundwater Contamination	х	1						
Redwing Carriers, Inc. (Saraland)	х	1						
Stauffer Chemical Co. (Cold Creek Plant)	х	3						
Stauffer Chemical Co. (LeMoyne Plant)			2	1		1	х	
T.H. Agriculture & Nutrition (Montgomery Plant)			1	1		1	Y	
Triana/ Tennessee River	X	2	I			1	X	
Alaska								
Alaska Battery Enterprises	x	1						
Arctic Surplus	Х							
American Samoa								
Taputimu Farm	Х	1						
Arizona								

		Remedies s 9/30/								
		Number of remedies chosen at	Number of remedies chosen at sites			6	(- b d- (- d	Sites		
	Sites with all remedies	sites with	with	Nur	nber o	t remedies by fiscal y	to be selected ear	Sites with all remedies	Sites with all	
Site	selected, as of 9/30/97	all remedies selected	some remedies selected	1998	1999	2000 & beyond	Total planned remedies	selected by 1998	remedies selected by 1999	
Apache Powder Co.	х	1								
Hassayampa Landfill	х	1								
Indian Bend Wash Area			6	1			1	х		
Litchfield Airport Area	х	2								
Motorola, Inc. (52nd Street Plant)			2		1		1		X	
Mountain View Mobile Home Estates	х	1								
Nineteenth Avenue Landfill	х	1								
Tucson International Airport Area			3	3	1		4		x	
Arkansas										
Arkwood, Inc.	Х	1								
Cecil Lindsey	Х	1								
Gurley Pit	Х	2								
Industrial Waste Control	x	1								
Jacksonville Municipal Landfill	х	1								
Mid-South Wood Products	х	1								
Midland Products	Х	1								
Monroe Auto Equipment (Paragould Pit)	х	1								
Popile, Inc.	X									
Rogers Road Municipal Landfill	X									

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites				Site	s
	Sites with all remedies selected, as of 9/30/97	sites with all	with some	Number o	f remedies by fiscal y	to be selected	Sites with all	Sites with all remedies selected by 1999
Site		remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	
South 8th Street Landfill			1	1		1	Х	
Vertac, Inc.	Х	5						
California								
Advanced Micro Devices, Inc.	х	1						
Advanced Micro Devices, Inc. (Bldg. 915)	х	1						
Aerojet General Corp.				1		1		х
Applied Materials	х	2						
Atlas Asbestos Mine	х	2						
Beckman Instruments (Porterville Plant)	х	1						
Brown & Bryant, Inc. (Arvin Plant)			1	1		1		x
Celtor Chemical Works	х	2						
Coalinga Asbestos Mine	х	2						
Coast Wood Preserving	х	1						
Crazy Horse Sanitary Landfill				1		1	Х	
CTS Printex, Inc.	Х	1						
Del Amo Facility			1	1 1		2		Х
Del Norte Pesticide Storage	x	1						
Fairchild Semiconductor Corp. (Mt. View)	х	2						

		Remedies s 9/30/						
	Sites with all remedies selected, as of 9/30/97	Number of remedies chosen at	Number of remedies chosen at sites with	Number o	f remedies	to be selected	Site	
		sites with all	some		by fiscal y	ear	Sites with all remedies	Sites with all remedies selected by 1999
Site		remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	
Fairchild Semiconductor Corp. (South San Jose)	х	1						
Firestone Tire & Rubber Co. (Salinas Plant)	х	1						
Fresno Municipal Sanitary Landfill	х	2						
Frontier Fertilizer				1 1		2		Х
Hewlett-Packard (620-640 Page Mill Road)	х	1						
Industrial Waste Processing				1		1		x
Intel Corp. (Mountain View Plant)	х	1						
Intel Corp. (Santa Clara III)	х	1						
Intel Magnetics	Х	1						
Intersil Inc./Siemens Components	х	1						
Iron Mountain Mine			4	1 1		2		x
J.H. Baxter & Co.	Х	1						
Jasco Chemical Corp.	х	1						
Jibboom Junkyard	х	1						
Koppers Co., Inc. (Oroville Plant)	х	1						
Liquid Gold Oil Corp.	х	1						
Lorentz Barrel & Drum Co.	х	2						

		Remedies s 9/30/						
	Sites with all remedies selected, as of 9/30/97	Number of remedies chosen at sites with	chosen at sites with some remedies	Number o		to be selected	Site Sites with all	s Sites with all
Site		all remedies selected		1998 1999	by fiscal y 2000 & beyond	ear Total planned remedies	remedies selected by 1998	remedies selected by 1999
Louisiana-Pacific Corp.	x	1						
McColl	Х	3						
McCormick & Baxter Creosoting Co.				2		2	х	
MGM Brakes	Х	1						
Modesto Groundwater Contamination	x	1						
Monolithic Memories	х	1						
Montrose Chemical Corp.				1 2		3		X
National Semiconductor Corp.	х	1						
NewMark Groundwater Contamination			2	1		1		х
Operating Industries, Inc., Landfill	х	4						
Pacific Coast Pipe Lines	х	1						
Purity Oil Sales, Inc.	х	2						
Ralph Gray Trucking Co.				1		1		x
Raytheon Corp.	Х	1						
San Fernando Valley (Area 1)	х	2						
San Fernando Valley (Area 2)	x	2						
San Fernando Valley (Area 3)					1	1		

		Remedies s 9/30/						
	Sites with all remedies selected, as of 9/30/97	Number of remedies chosen at sites with	chosen at sites	Number o	f remedies	to be selected	Sites with all	s Sites with all
Site		remedies selected	some remedies	1998 1999	by fiscal y 2000 & beyond	ear Total planned remedies	remedies selected by 1998	remedies selected by 1999
San Fernando Valley (Area 4)					1	1		
San Gabriel Valley (Area 1)			3	2		2		х
San Gabriel Valley (Area 2)	x	1						
San Gabriel Valley (Area 3)					1	1		
San Gabriel Valley (Area 4)				1		1	Х	
Selma Treating Co.	х	1						
Sola Optical USA, Inc.	х	1						
South Bay Asbestos Area	х	2						
Southern California Edison Co. (Visalia)	х	1						
Spectra-Physics, Inc.	х	1						
Stringfellow			4	1		1		x
Sulphur Bank Mercury Mine					3	3		
Synertek, Inc. (Bldg. 1)	х	1						
T.H. Agriculture & Nutrition Co.				1		1	Х	
Teledyne Semiconductor	х	1						
TRW Microwave, Inc. (Bldg. 825)	х	1						
United Heckathorn Co.	х	1						
Valley Wood Preserving, Inc.	Х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites				Site	95
	Sites with all remedies	sites with	with	Number	of remedies by fiscal y	to be selected /ear	Sites with all	Sites with all remedies selected by 1999
Site	selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 &	Total planned remedies	remedies selected by 1998	
Waste Disposal, Inc.	x	2						
Watkins-Johnson Co. (Stewart Division)	х							
Western Pacific Railroad Co.	х	1						
Westinghouse Electric Corp. (Sunnyvale)	х	1						
Colorado								
Broderick Wood Products	х	2						
California Gulch			2	7 ^	1	8		х
Central City-Clear Creek	x							
Chemical Sales Co.			4	1		1	Х	
Denver Radium Site	х	9						
Eagle Mine			1	1		1	Х	
Lincoln Park			1	1		1	Х	
Lowry Landfill	Х							
Marshall Landfill	Х	1						
Sand Creek Industrial	x	5						
Smuggler Mountain	x	1						
Summitville Mine			3	1	1	2		
Uravan Uranium Project (Union Carbide)	х	1						
Woodbury Chemical Co.	x							

		Remedies s 9/30/						
	Sites with all remedies selected, as	Number of remedies chosen at sites with	Number of remedies chosen at sites with		Number of remedies to be selected by fiscal year			s Sites with all
		all remedies	some remedies		2000 &	Total planned	remedies selected by	remedies selected by
Site	of 9/30/97	selected	selected	1998 1999	beyond	remedies	1998	1999
Connecticut								
Barkhamsted- New Hartford Landfill				1		1	х	
Beacon Heights Landfill	х	2						
Cheshire Groundwater Contamination	х	1						
Durham Meadows					1	1		
Gallup's Quarry	Х	1						
Kellogg-Deering Well Field	х	2						
Laurel Park, Inc.	Х	1						
Linemaster Switch Corp.	х	1						
Nutmeg Valley Road					1	1		
Old Southington Landfill			1		1	1		
Precision Plating Corp.					1	1		
Raymark Industries, Inc.			1	1 1		2		x
Revere Textile Prints Corporation	х	1						
Solvents Recovery Service New England	х	2						
Yaworski Waste Lagoon	х	1						
Delaware								
Army Creek Landfill	х	2						
Chem-Solv, Inc.	Х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites	Number o	f remedies	to be selected	Sites	
	Sites with all remedies	sites with all	with some		by fiscal year		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Coker's Sanitation Service Landfills	x	1						
Delaware City PVC Plant		<u>.</u>	1	2		2	X	
Delaware Sand & Gravel Landfill	х	2						
Dover Gas Light Co.			1	1		1	Х	
E.I. Du Pont de Nemours (Newport Landfill)	х	1						
Halby Chemical Co.			1	1		1	Х	
Harvey & Knott Drum, Inc.	x	1						
Koppers Co., Inc. (Newport Plant)				1		1		x
NCR Corp. (Millsboro Plant)	х	1						
New Castle Spill	Х	1						
New Castle Steel Co. (Deemer Steel)	Х	1						
Sealand Limited	Х							
Standard Chlorine of Delaware, Inc.			1		1	1		
Sussex County Landfill 5	х	1						
Tybouts Corner Landfill	х	1						
Tyler Refrigeration Pit	х	1						
Wildcat Landfill	х	2						

		Remedies selected by 9/30/97 Number of Number of remedies remedies chosen chosen at at sites						
							Sites	
	Sites with all remedies	sites with	with some	Number of remedies to be selected by fiscal year			Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Florida								
Agrico Chemical Co.	x	2						
Airco Plating Co.	х	1						
Alpha Chemical Corp.	x	1						
American Creosote Works (Pensacola Plant)	х	2						
Anaconda Aluminum Co./Milgo Electronics	X	1						
Anodyne, Inc.	Х							
B & B Chemical Co., Inc.	x	1						
Beulah Landfill	х	1						
BMI-Textron	х	1						
Brown Wood Preserving	x	1						
Cabot/Koppers	Х	1						
Chemform, Inc.	Х	2						
Chevron Chemical Co. (Ortho Division)	х	1						
City Industries, Inc.	х	1						
Coleman-Evans Wood Preserving		2						
Co. Davie Landfill	X							
Dubose Oil Products Co.	X							
Escambia Wood - Pensacola			1	1		1		

Sites w all remedi selected, Site of 9/30/ Florida Steel Corp. Gold Coast Oil	es as remed	lies n at vith all lies	Number of remedies chosen at sites with some remedies	Number o	f remedies	to be selected	Site	s
All remedia selected, of 9/30/ Florida Steel Corp. Gold Coast Oil	es as remed 97 selec	all lies	some	Number o	remedies			
Siteselected, of 9/30/Florida Steel Corp.Gold Coast Oil	as remed 97 selec	lies			by fiscal y		Sites with all remedies	Sites with all remedies selected by 1999
Corp. Gold Coast Oil	v	remedies selected	remedies selected 1	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	
Gold Coast Oil	v				-			
	^	2						
Corp.	х	1						
Harris Corp. (Palm Bay Plant)	х	2						
Helena Chemical Co. (Tampa Plant)	х	1						
Hipps Road Landfill	х	2						
Hollingsworth Solderless Terminal	Х	1						
Kassauf- Kimerling Battery Disposal	х	2						
Madison County Sanitary Landfill	х	1						
Miami Drum Services	х	1						
MRI Corp. (Tampa)				1		1	Х	
Munisport Landfill	Х	1						
Northwest 58th Street Landfill	Х	1						
Parramore Surplus	х	1						
Peak Oil Co./Bay Drum Co.	х	4						
Pepper Steel & Alloys, Inc.	x	1						
Petroleum Products Corp.			1		1	1		
Pickettville Road Landfill	х	1						
Pioneer Sand Co.	Х	1						

		Remedies se 9/30/						
		Number of	Number of remedies					
		remedies	chosen				Sites	
	Sites with all remedies	chosen at sites with all	at sites with some		f remedies by fiscal y	to be selected	Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Piper Aircraft/Vero Beach Water & Sewer	Х	1			-			
Reeves	^	1						
Southeast Galvanizing Corp.	х	3						
Sapp Battery Salvage	х	1						
Schuylkill Metals Corp.	х	1						
Sherwood Medical Industries	х	3						
Sixty-Second Street Dump	x	2						
Standard Auto Bumper Corp.	х	2						
Stauffer Chemical Co. (Tampa)	х	1						
Stauffer Chemical Co. (Tarpon Springs)				1		1		x
Sydney Mine Sludge Ponds	х	1						
Taylor Road Landfill	х	1						
Tower Chemical Co.	х	1						
Tri-City Oil Conservationist, Inc.	x	1						
Varsol Spill	Х							
Whitehouse Oil Pits	Х							
Wilson Concepts of Florida, Inc.	х	1						

	Sites with all remedies selected, as of 9/30/97	Remedies selected by 9/30/97						
Site		all	chosen at sites with some remedies	Number of remedies to be selected by fiscal year			Sites	
							Sites with all	Sites with all remedies
				1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	selected by 1999
Wingate Road Municipal Incinerator Dump	x	1						
Woodbury Chemical Co. (Princeton Plant)	x							
Yellow Water Road Dump	х	2						
Zellwood Groundwater Contamination	x	2						
Georgia								
Cedartown Industries, Inc.	х	1						
Cedartown Municipal Landfill	x	1						
Diamond Shamrock Corp. Landfill	x	1						
Escambia Brunswick Wood				1		1		x
Firestone Tire & Rubber Co. (Albany Plant)	x	1						
Hercules 009 Landfill	x	2						
LCP Chemicals Georgia				1 1		2		x
Luminous Processors, Inc.	х	0						
Marzone Inc./Chevron Chemical Co.			1	1		1	х	
Mathis Brothers Landfill	Х	1						
Monsanto Corp. (Augusta Plant)	x	1						

Site	Sites with all remedies selected, as of 9/30/97	Remedies selected by 9/30/97						
		Number of remedies chosen at sites with all remedies selected	chosen at sites with some remedies				Sites	
				Number of remedies to be selected by fiscal year			Sites with all remedies	Sites with all remedies
				1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Powersville Site	Х	1						
T.H. Agriculture & Nutrition (Albany)	х	2						
Woolfolk Chemical Works, Inc.			2	1	1	2		
Guam								
Ordot Landfill	Х	1						
Hawaii								
Del Monte Corp. (Oahu Plantation)				1		1		x
Idaho								
Arrcom (Drexler Enterprises)	х	1						
Bunker Hill Mining & Metallurgical	x	2						
Eastern Michaud Flats Contamination				1		1	Х	
Kerr-McGee Chemical Corp. (Soda Springs)	х	1						
Monsanto Chemical Co. (Soda Springs)	х	1						
Pacific Hide & Fur Recycling Co.	х	2						
Union Pacific Railroad Co.	х	1						
Illinois								
A & F Material Reclaiming, Inc.	х	2						
Acme Solvent Reclaiming (Morristown Plant)	х	2						

		Remedies s 9/30/						
		Number of remedies	chosen				Site	25
	Sites with all remedies	chosen at sites with all	at sites with some		f remedies by fiscal y	to be selected	Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Adams County Quincy Landfill Sites 2 & 3	Х	1						
Amoco Chemicals (Joliet Landfill)				1		1	х	
Beloit Corp.				1		1	Х	
Belvidere Municipal Landfill	х	1						
Byron Salvage Yard			3	1		1	х	
Central Illinois Public Service Co.	х	1						
Cross Brothers Pail Recycling (Pembroke)	x	1						
DuPage County Landfill/Blackwell Forest Preserve				1		1	х	
Galesburg/ Koppers Co.	х	1						
H.O.D. Landfill				1		1	Х	
Ilada Energy Co.				1			1	x
Interstate Pollution Control, Inc.				1		1	Х	
Jennsion Wright Corp.				1		1		х
Johns-Manville Corp.	х	1						
Kerr-McGee (Kress Creek/West Branch of								
DuPage)					1	1		
								(continued)

		Remedies s 9/30/						
		Number of remedies	chosen				Site	nedies remedies
	Sites with all remedies	chosen at sites with all	at sites with some	Number	of remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 &	Total planned remedies	selected by	selected by
Kerr-McGee (Reed-Keppler Park)					1	1		
Kerr-McGee (Residential Areas)					1	1		
Kerr-McGee (Sewage Treatment Plant Site)					1	1		
LaSalle Electrical Utilities	х	2						
Lenz Oil Service, Inc.				1		1	х	
MIG/Dewane Landfill				1		1	Х	
NL Industries/ Taracorp Lead Smelt	х	1						
Ottawa Radiation Areas				1 1		2		х
Outboard Marine Corp.			1	1		1		х
Pagel's Pit			1	1		1		X
Parson's Casket Hardware Co.			1	1		1	Х	
Petersen Sand & Gravel	х	1						
Southeast Rockford Groundwater Contamination			2	1		1	Х	
Tri-County Landfill/Waste Management of Illinois	х	1						
Velsicol Chemical Corp. (Illinois)	X							

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites				Sites	s
	Sites with all remedies	sites with	with	Number of remedies to be selected by fiscal year			Sites with all remedies	Sites with all remedies selected by
Site	selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Wauconda Sand & Gravel Co.	х	2						
Woodstock Municipal Landfill	х	1						
Yeoman Creek Landfill	х	1						
Indiana								
American Chemical Service, Inc.	х	1						
Carter Lee Lumber Co.	х	1						
Columbus Old Municipal Landfill 1	х	1						
Conrail Railyard (Elkhart)	^ X							
Continental Steel Corp.			1	6		6	х	
Douglass Road/Uniroyal, Inc., Landfill	X	2						
Envirochem Corp.	X							
Fisher-Calo	X							
Fort Wayne Reduction Dump	х	1						
Galen Meyer's Dump/Drum		1						
Salvage Himco Dump	x x							
IMC Terre Haute East Plant	^ X							
Lake Sandy Jo (M & M Landfill)	x							
Lakeland Disposal Service,								
Inc.	X	1						(continued)

		Remedies s 9/30/						
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with	Number o	f remedies	to be selected	Sites with all	es Sites with all
	all remedies	all	some		by fiscal y	ear	remedies	remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Lemon Lane Landfill				1		1		x
Main Street Well Field	х	2						
Marion (Bragg) Dump	х	2						
MIDCO I Site	Х	1						
MIDCO II	Х	1						
Neal's Dump (Spencer)					1	1		
Neal's Landfill (Bloomington)					1	1		
Ninth Avenue Dump	x	2						
Northside Sanitary Landfill,		1						
Inc.	Х							
Poer Farm	Х	1						
Prestolite Battery Division	х	1						
Reilly Tar & Chemical (Indianapolis								
Plant)	Х	5						
Seymour Recycling Corp.	х	2						
Southside Sanitary Landfill	х	1						
Tippecanoe Sanitary Landfill, Inc.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1						
Tri-State Plating	x x							
Waste, Inc., Landfill	X							
Wayne Waste Oil	X							
wayne waste Oll	Χ	1						(continued)

		Remedies se 9/30/						Sites ites with all remedies selected by 1998 remedies selected by 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1998 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999 1999
		Number of remedies chosen at	chosen at sites	Number o	Number of remedies to be selected			
	Sites with all remedies	sites with all	with some		by fiscal y			
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by	Sites with all remedies selected by 1999
Wedzeb Enterprises, Inc.	х	1						
Whiteford Sales & Service/ Nationalease	x	1						
lowa	~							
Aidex Corp.	Х	2						
Des Moines TCE	X							
E.I. Du Pont de Nemours (County Rd. X23)	Х	1						
Electro- Coatings, Inc.	Х							
Fairfield Coal Gasification Plant	x	1						
Farmers' Mutual Cooperative	x	1						
John Deere (Ottumwa Works Landfills)	х	1						
LaBounty Dump	Х	0						
Lawrence Todtz Farm	x	1						
Mason City Coal Gasification Plant				1		1		x
Mid-America Tanning Co.	х	1						
Midwest Manufacturing/ North Farm	х	2						
Northwestern States Portland Cement Co.	х	1						
Peoples Natural Gas Co.	х	1						
Red Oak City Landfill	х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites				Site	s
	Sites with	sites with	with		f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	Sites with all remedies selected by 1999
Shaw Avenue Dump			1	1		1		x
Sheller-Globe Corp. Disposal	х	1						
Vogel Paint & Wax Co.	х	1						
White Farm Equipment Co. Dump	Х	1						
Kansas								
Fifty-seventh & North Broadway Streets Site				1		1	Х	
Ace Services				1		1		Х
Arkansas City Dump	x	2						
Big River Sand Co.	x	1						
Chemical Commodities, Inc.				1		1		x
Cherokee County			4		1	1		
Doepke Disposal (Holliday)	х	1						
Hydro-Flex Corporation, Inc.	х	1						
Johns' Sludge Pond	х	1						
Obee Road			1	1		1		Х
Pester Refinery Co.			1	1		1	Х	
Strother Field Industrial Park	х	1						
Wright Groundwater Contamination				1		1		X
				•		•		(continued)

		Remedies s 9/30/	elected by /97					
		Number of remedies chosen at	Number of remedies chosen at sites				Sites	s
	Sites with	sites with	with		of remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Kentucky								
A.L. Taylor (Valley of Drums)	x	1						
Airco	Х	1						
B.F. Goodrich	Х	1						
Brantley Landfill	х	1						
Caldwell Lace Leather Co., Inc.	x	1						
Distler Brickyard	х	1						
Distler Farm	х	1						
Fort Hartford Coal Co. Stone Quarry	x	1						
General Tire & Rubber (Mayfield Landfill)	х	1						
Green River Disposal, Inc.	х	1						
Howe Valley Landfill	х	1						
Lee's Lane Landfill	x	1						
Maxey Flats Nuclear Disposal	х	1						
National Electric Coil/Cooper Industries	х	2						
National Southwire Aluminum Co.			1	1		1	х	
Newport Dump	Х	1						
Red Penn Sanitation Co. Landfill				1		1		x
Smith's Farm	Х	3						

		Remedies s 9/30/					remedies remedies selected by selected by 1998 1999	
		Number of remedies chosen at	Number of remedies chosen at sites	Number	fromodioo	to be calested		-
	Sites with all remedies	sites with	with some	Number o	by fiscal y	to be selected		Sites with all
Site	selected, as of 9/30/97	all remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by	selected by 1999
Tri-City Disposal Co.	х	2						
Louisiana								
Agriculture Street Landfill	х	2						
American Creosote Works, Inc. (Winnfield)	x	1						
Bayou Bonfouca	Х	1						
Bayou Sorrel Site	Х	1						
Cleve Reber	Х	1						
Combustion, Inc.				1		1		Х
D.L. Mud, Inc.	Х	1						
Dutchtown Treatment Plant	х	1						
Gulf Coast Vacuum Services	х	2						
Madisonville Creosote Works, Inc.				1		1	Х	
Old Inger Oil Refinery	х	1						
Pab Oil & Chemical Service, Inc.	x	1						
Southern Shipbuilding	x	2						
Maine								
Eastern Surplus Co.				1		1	х	
McKin Co.	Х	2						
O'Connor Co.	Х	1						
Pinette's Salvage Yard	х	0						(continued)

		Remedies s 9/30/								
	Sites with all remedies	Number of remedies chosen at sites with all	hosen at at sites ites with with Number of remedies to be selected Sites w		f remedies to be selected by fiscal year				Site Sites with all remedies	s Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999		
Saco Municipal Landfill				1		1	Х			
Saco Tannery Waste Pits	х	1								
Union Chemical Co., Inc.	х	1								
West Site/Hows Corners					1	1				
Winthrop Landfill	х	1								
Maryland										
Bush Valley Landfill	х	1								
Central Chemical (Hagerstown)					1	1				
Chemical Metals	х	0								
Kane & Lombard Street Drums			1	1		1		1		
Limestone Road	Х	2								
Mid-Atlantic Wood Preservers, Inc.	Х	1								
Middletown Road Dump	х	1								
Ordnance Products, Inc.				1		1	х			
Sand, Gravel & Stone			2	1		1	Х			
Southern Maryland Wood Treating	х	2								
Spectron, Inc.				1		1		Х		
Woodlawn County Landfill	х	1								
Massachusetts										
Atlas Tack Corp.				1		1	Х			

			97					
		Number of remedies chosen at	Number of remedies chosen at sites				Site	s
	Sites with	sites with	with	Number	of remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies		remedies selected by 1999
Baird & McGuire	Х	3						
Blackburn & Union Privileges					1	1		
Cannon Engineering Corp. (CEC)	х	1						
Charles-George Reclamation Landfill	Х	4						
Groveland Wells	Х	2						
Haverhill Municipal Landfill					1	1		
Hocomonco Pond	Х	1						
Industri-Plex			1		1	1		
Iron Horse Park			2	1		1		х
New Bedford Site			1	1	1	2		
Norwood PCBs	Х	1						
Nyanza Chemical Waste Dump			3	1		1		х
Plymouth Harbor/Cannon Engineering Corp.	Х	1						
PSC Resources	Х	1						
Re-Solve, Inc.	Х	2						
Rose Disposal Pit	Х	1						
Salem Acres	Х	1						
Shpack Landfill					1	1		
Silresim Chemical Corp.	х	1						
Sullivan's Ledge	Х	2						
W.R. Grace & Co., Inc. (Acton Plant)			1	1		1		x
Wells G & H			1	I	2	2		^

		Remedies s 9/30/						
	Sites with	Number of remedies chosen at sites with	remedies chosen chosen at at sites		Number of remodics to be calested		Sites with all	es Sites with all
	all remedies selected, as	all remedies	some		by fiscal y 2000 &	ear Total planned	remedies selected by	remedies selected by
Site	of 9/30/97	selected		1998 1999	beyond	remedies	1998	1999
Michigan								
Adam's Plating	Х	1						
Aircraft Components (Michigan Radiologic)				1		1		x
Albion-Sheridan Township Landfill	х	1						
Allied Paper/Portage Creek/Kalamazoo River				4 1		5		x
American Anodco, Inc.	х	1						
Anderson Development Co.	х	1						
Auto Ion Chemicals, Inc.	х	2						
Bendix Corp./Allied Automotive	х	1						
Berlin & Farro	Х	2						
Bofors Nobel, Inc.			1	2		2	Х	
Burrows Sanitation	х	1						
Butterworth 2 Landfill Site	х	1						
Cannelton Industries	х	1						
Carter Industrials, Inc.	х	1						
Cemetery Dump Site	х	2						
Charlevoix Municipal Well	х	2						
Chem Central	Х	1						

		Remedies s 9/30/						
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with	of dies sen ites with Number of remedies to be selected Sit		Number of remedies to be selected [–] by fiscal year		s Sites with all remedies
	all remedies selected, as	all remedies	some remedies		2000 &	Total planned	remedies selected by	selected by
Site	of 9/30/97	selected	selected	1998 1999	beyond	remedies	1998	1999
Clare Water Supply	х	2						
Cliff/Dow Dump	Х	1						
Duell & Gardner Landfill	х	1						
Electrovoice			1	1		1	Х	
Folkertsma Refuse	х	1						
Forest Waste Products	x	3						
G & H Landfill	Х	1						
Grand Traverse Overall Supply Co.	x	1						
Gratiot County Landfill	x	0						
Gratiot County County Golf Course	х	0						
H & K Sales (Michigan Radiologic)				1		1	Х	
H. Brown Co., Inc.	х	1						
Hedblum Industries	х	1						
Hi-Mill Manufacturing Co.	х	1						
Ionia City Landfill			1	1		1	Х	
J & L Landfill	Х	2						
K & L Avenue Landfill	Х	1						
Kent City Mobile Home Park	x	1						
Kentwood Landfill	Х	1						(continued)

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites				Sites	
	Sites with all remedies	sites with all	with		f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	selected, as of 9/30/97	remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Kysor Industrial Corp.	х	1			-			
Liquid Disposal, Inc.	х	1						
Lower Ecorse Creek Dump	х	1						
Mason County Landfill	х	2						
Metal Working Shop	х	1						
Metamora Landfill	х	2						
Michigan Disposal Service (Cork Street Landfill)	х	1						
Motor Wheel	Х	1						
Muskegon Chemical Co.	x	1						
North Bronson Industrial Area				1		1	х	
Northernaire Plating	х	2						
Novaco Industries	Х	2						
Organic Chemicals, Inc.	х	2						
Ott/Story/ Cordova Chemical Co.			3	1		1	Х	
Packaging Corp. of America	х	1						
Parsons Chemical Works, Inc.	х	1						
Peerless Plating Co., Inc.	Х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	chosen at sites	Number	farmadiaa	to be coloried.	Site	95
	Sites with all remedies	sites with all	with some		by fiscal y	to be selected	Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Petoskey Municipal Well Field			1	1		1		х
Rasmussen's Dump	x	1						
Rockwell International Corp. (Allegan Plant)			1	1		1		x
Rose Township Dump	x	1						
Roto-Finish Co.	х	1						
SCA Independent Landfill				1		1	Х	
Shiawassee River				1		1	Х	
South Macomb Disposal Authority (Landfill 9)	Х	1						
Southwest Ottawa County Landfill	х	1						
Sparta Landfill				1		1	Х	
Spartan Chemical Co.			1	1		1	Х	
Spiegelberg Landfill	х	2						
Springfield Township Dump	х	1						
State Disposal Landfill				1		1	х	
Sturgis Municipal Wells	х	0						
Tar Lake	Х	1						
Thermo-Chem, Inc.			1	1		1		

		Remedies selected by 9/30/97						
		Number of remedies chosen at	Number of remedies chosen at sites				Site	s
	Sites with all remedies	sites with all	with	Number o	f remedies by fiscal y	to be selected	Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Torch Lake	x				Noyona	Temedice	1000	
U. S. Aviex	Х							
Velsicol Chemical Corp. (Michigan)	x	0						
Verona Well Field	Х	3						
Wash King Laundry	х	1						
Waste Management of Michigan (Holland)				1		1	х	
Whitehall Municipal Wells	х	1						
Minnesota								
Adrian Municipal Well Field	х	1						
Agate Lake Scrapyard	х	1						
Arrowhead Refinery Co.	х	1						
Baytown Township Groundwater Plume/Lake				1		1		x
Boise Cascade/Onan/ MedtroNics	х	0						
Burlington Northern (Brainerd/Baxter)	х	1						
Dakhue Sanitary Landfill	х	2						
FMC Corp.	Х	1						
General Mills/Henkel Corp.	х	0						

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites	Number o	fremedies	to be selected	Site	
	Sites with all remedies	sites with all	with some		by fiscal y		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Joslyn Manufacturing & Supply Co.	x	0						
Koppers Coke	Х	1						
Kurt Manufacturing Co.	х	1						
LaGrand San Landfill	х	1						
Lehillier Mankato	х	1						
Long Prairie Groundwater Contamination	х	1						
MacGillis & Gibbs Co./Bell Lumber & Pole Co.	x	3						
Morris Arsenic Dump Site	x							
NL Industries/ Taracorp Golden Auto	х	2						
Nutting Truck & Caster Co.	x	0						
Oak Grove Sanitary Landfill	х	2						
Oakdale Dump Sites	х	1						
Olmsted County Sanitary Landfill	х	1						
Perham Arsenic	Х	1						
Pine Bend Sanitary Landfill	х	2						
Reilly Tar & Chem (St. Louis Park)	x	5						
Ritari Post & Pole	X							

		Remedies s 9/30/							
		remedies chosen at	t at sites	Nu	mber o	framadias	to be selected	Sites	
	Sites with all remedies	sites with all	with some	Nu		by fiscal y		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998	1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
South Andover Site	х	2							
St. Louis River			3	1	1		2		x
St. Regis Paper Co.	x	2							
Union Scrap Iron & Metal Co.	x	1							
University Minnesota (Rosemount									
Research Center)	Х	3							
Waite Park Wells	Х	2							
Washington County Landfill	х	2							
Waste Disposal Engineering, Inc.	х	1							
Whittaker Corp.	х	1							
Windom Dump	х	1							
Flowood Site	Х	1							
Mississippi									
Newsom Brothers/Old Reichhold Chemicals	×	2							
Walcotte Chemical Co. Warehouses	х	0							
Missouri									
Bee Cee Manufacturing Co.	х	1							
Big River Mine Tailings/St. Joe Minerals					1	1	2		
Conservation Chemical Co.	х	1							(continued)

		Remedies se 9/30/						
		Number of remedies chosen at	chosen at sites	Number	fromodioo	to be coloried -	Site	s
	Sites with all remedies	sites with	with	Number o	by fiscal y	to be selected	Sites with all remedies selected by 1998	Sites with all remedies
Site	selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies		selected by 1999
Ellisville Site	Х	1						
Fulbright Landfill	Х	1						
Kem-Pest Laboratories	х	2						
Lee Chemical	Х	1						
Minker/Stout/ Romaine Creek	х	3						
Missouri Electric Works			1		1	1		
North-U Drive Well Contamination		1						
Oronogo- Duenweg Mining Belt	X	1	1	1 1		2		x
Quality Plating	X	1						
Shenandoah Stables	x	2						
Solid State Circuits, Inc.	х	1						
St. Louis Airport/HIS/ Futura Coatings Co.				1		1		x
Syntex Facility	х	2						
Times Beach Site	Х	2						
Valley Park TCE	Х	1						
Westlake Landfill				1 1		2		Х
Wheeling Disposal Service Co. Landfill	Х	1						
Montana								
Anaconda Co. Smelter			4	1		1	Х	
East Helena Site			1	1		1	Х	

		Remedies s 9/30/								
		Number of								
		remedies chosen at	chosen at sites					Site	S	
	Sites with	sites with	with		ber o	of remedies to be selected by fiscal year		Sites with all	Sites with all	
Site	all remedies selected, as of 9/30/97	all remedies selected		some remedies selected		000	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Idaho Pole Co.	X	1	Selected	1330 1	555	beyond	Temedies	1550	1555	
Libby Groundwater Contamination	x	2								
Milltown Reservoir Sediments			1	1	1		2		x	
Montana Pole & Treating	х	1								
Mouat Industries	Х	0								
Silver Bow Creek/Butte Area			5		1		1		x	
Nebraska										
Tenth Street Site	х	1								
Bruno Co-op/ Associated Properties				1			1	Х		
Cleburn Street Well			1		1		1		Х	
Hastings Groundwater Contamination			9		3	3	6			
Lindsay Manufacturing Co.	х	1								
Nebraska Ordnance Plant (Former)			2		1		1		x	
Ogallala Groundwater Contamination				1			1	х		
Sherwood Medical Co.	х	1								
Waverly Groundwater Contamination	х	1								

	Sites with all remedies selected, as	Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites with some remedies	Number o	fromodios	to be selected	Site	
		sites with all remedies			by fiscal y		Sites with all remedies selected by	Sites with all remedies selected by
Site	of 9/30/97	selected		1998 1999	beyond	remedies	1998	1999
Nevada								
Carson River Mercury Site			1		1	1		
New Hampshire								
Auburn Road Landfill	х	2						
Beede Waste Oil				1		1		Х
Coakley Landfill	Х	2						
Dover Municipal Landfill	х	1						
Fletcher's Paint Works & Storage				1	1	2		
Kearsarge Metallurgical Corp.	x	1						
Keefe Environmental								
Services	Х	2						
Mottolo Pig Farm	Х	1						
New Hampshire Plating Co.				1		1	Х	
Ottati & Goss/Kingston Steel Drum	х	1						
Savage Municipal Water Supply	x	1						
Somersworth Sanitary Landfill	x	1						
South Municipal Water Supply Well	х	1						
Sylvester	Х	2						
Tibbetts Road	Х	1						
Tinkham Garage	Х	0						

		Remedies se 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites				Site	25
	Sites with	sites with	with	Numbe	er of remedie by fiscal	s to be selected vear	Sites with all	Sites with all remedies
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998 199	2000 &	Total planned	remedies selected by 1998	selected by 1999
Town Garage/Radio Beacon	x	1						
New Jersey								
A.O. Polymer	Х	1						
American Cyanamid Co.			3	1	2	3		
Asbestos Dump			2		1	1		Х
Beachwood/ Berkeley Wells	х	1						
Bog Creek Farm	Х	2						
Brick Township Landfill					1	1		
Bridgeport Rental & Oil Services			1		1	1		
Brook Industrial Park	х	1						
Burnt Fly Bog			2	1		1	Х	
Caldwell Trucking Co.	х	3						
Chemical Control	Х	2						
Chemical Insecticide Corp.			2		1	1		x
Chemical Leaman Tank Lines, Inc.	х	2						
Chemsol, Inc.			1	1		1	Х	
Ciba-Geigy Corp.			1		2	2		X
Cinnaminson Groundwater Contamination			1		1	1		
Combe Fill North Landfill	х	1						
Combe Fill South Landfill	Х	1						

		Remedies s 9/30/						
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with	Number o	Number of remedies to be selected			es Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	by fiscal y 2000 & beyond	Total planned remedies	remedies selected by 1998	remedie selected b 199
Cooper Road	Х	1						
Cosden Chemical Coatings Corp.	x	1						
CPS/Madison Industries				2	1	3		
Curcio Scrap Metal, Inc.	х	2						
D'Imperio Property	х	1						
Dayco Corp./L.E. Carpenter Co.	х	1						
De Rewal Chemical Co.	x	1						
Delilah Road	х	1						
Denzer & Schafer X-Ray Co.	х	1						
Diamond Alkali Co.			1		1	1		
Dover Municipal Well 4			1	1		1	Х	
Ellis Property	Х	1						
Evor Phillips Leasing			1	1		1		х
Ewan Property	Х	2						
Fair Lawn Well Field				1		1		х
Florence Land Recontouring Landfill	х	1						
Fried Industries	Х	1						
Friedman Property	x	1						
Garden State Cleaners Co.	х	1						
Gems Landfill	Х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites	Number o	f romodios	to be selected	Site	
	Sites with all remedies	sites with all	with some	Number C	by fiscal y		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Glen Ridge Radium Site			2	1		1	Х	
Global Sanitary Landfill	х	2						
Goose Farm	Х	1						
Grand Street Mercury Site	х	1						
Helen Kramer Landfill	х	1						
Hercules, Inc. (Gibbstown Plant)			1	1		1		x
Higgins Disposal	х	1						
Higgins Farm	Х	2						
Hopkins Farm	Х	1						
Horseshoe Road					1	1		
Imperial Oil Co., Inc./Champion Chemicals			2	1		1	x	
Industrial Latex Corp.			1	1		1		x
Jackson Township Landfill	х	1						
JIS Landfill	Х	1						
Kauffman & Minteer, Inc.	х	1						
Kin-Buc Landfill	х	2						
King of Prussia	Х	2						
Krysowaty Farm	Х	1						
Landfill & Development Co.					1	1		
Lang Property	Х							
Lipari Landfill	Х	3						
Lodi Municipal Well	х	1						
Lone Pine Landfill	Х	2						

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites	Num	iber o	f remedies	to be selected	Site	
	Sites with all remedies	sites with all	with some			by fiscal y		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1	999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
M & T Delisa Landfill	х	1							
Mannheim Avenue Dump	x	1							
Maywood Chemical Co.		<u>_</u>		1	1		2		x
Metaltec/ Aerosystems	х	2		•			2		X
Monitor Devices/ Intercircuits, Inc.					1		1		х
Monroe Township Landfill	x	1							
Montclair/West Orange Radium Site			2	1			1	x	
Montgomery Township Housing									
Development	Х	2							
Myers Property	Х								
Nascolite Corp.	Х	2							
NL Industries	Х	2							
Pepe Field	Х								
Pijak Farm	Х	1							
PJP Landfill Pohatcong Valley Groundwater Contamination	X	1				1	1		
Pomona Oaks Residential Wells	x	1							
Price Landfill	Х								
Radiation Technology, Inc.	Х								
Reich Farms	Х	1							
Renora, Inc.	Х	2							

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites	Neurolean	6	to be calculated as	Site	es
	Sites with all remedies	sites with all	with some	Number of	f remedies by fiscal y	to be selected	Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Ringwood Mines Landfill	х	1						
Rockaway Borough Well Field			2	1		1		x
Rockaway Township Wells			1	1		1		x
Rocky Hill Municipal Well	х	1						
Roebling Steel Co.			3	1		1	х	
Sayreville Landfill			1	1		1	Х	
Scientific Chemical Processing			1	2		2		x
Sharkey Landfill	х	1						
Shield Alloy Corp.			1	1		1		Х
South Brunswick Landfill	х	1						
South Jersey Clothing Co.	х	1						
Spence Farm	х	1						
Swope Oil & Chemical Co.	х	2						
Syncon Resins			1	1		1		Х
Tabernacle Drum Dump	х	1						
U.S. Radium Corp.	х	2						
Universal Oil Products (Chemical Division)			1		1	1		
Upper Deerfield Township								
Sanitary Landfill	Х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	edies chosen sen at at sites	Number o	f remedies	to be selected	Sites with all	s Sites with all
	Sites with all remedies	sites with all	some		by fiscal y	ear	remedies	remedies selected by 1999
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	
Ventron/Velsicol				1		1		х
Vineland Chemical Co., Inc.	х	1						
Vineland State School	х	1						
Waldick Aerospace Devices, Inc.	х	3						
Welsbach & General Gas Mantle (Camden)				1		1	х	
White Chemical Corp.			1	1		1		x
Williams Property	Х	1						
Wilson Farm	Х	1						
WITCO Chemical Corp. (Oakland Plant)	x	1						
Woodland Route 532 Dump			2	1		1		x
Woodland Route 72 Dump			2	1		1		x
New Mexico								
AT & SF (Clovis)	Х	1						
AT & SF (Albuquerque)				1		1	Х	
Cimarron Mining Corp.	х	2						
Cleveland Mill	Х	1						
Homestake Mining Co.	х	1						
Pagano Salvage	Х	1						
Prewitt Abandoned Refinery	х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	chosen at sites		Number of remedies to be selected			95
	Sites with all remedies	sites with	with some	Number o	by fiscal y		Sites with all	Sites with all remedies
Site	selected, as of 9/30/97	all remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	selected by 1999
South Valley	Х	5						
United Nuclear Corp.	х	1						
New York								
Action Anodizing, Plating, & Polishing	x	1						
American Thermostat Co.	х							
Anchor Chemicals	Х	1						
Applied Environmental Services	х	1						
Batavia Landfill	Х	2						
BEC (Binghampton Equipment Co.) Trucking	х	1						
Bioclinical Laboratories, Inc.	х	1						
Brewster Well Field	х	2						
Byron Barrel & Drum	x	1						
C & J Disposal Leasing Co. Dump	х	1						
Carroll & Dubies Sewage Disposal	x	2						
Circuitron Corp.	Х	2						
Claremont Polychemical	x	2						
Clothier Disposal	Х	1						
Colesville Municipal Landfill	х	1						
Conklin Dumps	Х	1						(continued)

		Remedies s 9/30/						
	Siáco wiáh	Number of remedies chosen at	Number of remedies chosen at sites with	Number o	f remedies	to be selected	Site Sites with all	
	Sites with all remedies	sites with all	some		by fiscal y		remedies selected by 1998	Sites with all remedies selected by 1999
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies		
Cortese Landfill	Х	1						
Endicott Village Well Field	х	3						
Facet Enterprises, Inc.	х	1						
FMC Corp. (Dublin Road Landfill)	х	1						
Forest Glen Mobile Home Subdivision			1	1		1	Х	
Fulton Terminals	Х	1						
GCL Tie & Treating, Inc.	х	2						
GE Moreau	Х	1						
General Motors (Central Foundry Division)	x	2						
Genzale Plating Co.	х	2						
Goldisc Recordings, Inc.			1	1		1	Х	
Haviland Complex	Х	1						
Hertel Landfill	Х	1						
Hooker (102nd Street)	х	2						
Hooker (Hyde Park)	х	1						
Hooker (S-Area)	Х	1						
Hooker Chemical/Ruco Polymer Corp.			2	1		1		х
Hudson River PCBs			1		1	1		
Islip Municipal Sanitary Landfill	Х	1						

		Remedies s 9/30/							
	Cites with	Number of remedies chosen at	chosen at sites	Numb	er of	remedies	to be selected	Sites with all	
	Sites with all remedies	sites with _all 	with some			by fiscal y	ear	Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 19	99	2000 & beyond	Total planned remedies		selected by 1999
Johnstown City Landfill	х	1							
Jones Chemical, Inc.					1		1		х
Jones Sanitation	Х	1							
Katonah Municipal Well	х	1							
Kenmark Textile Corp.	х	1							
Kentucky Avenue Well Field	х	3							
Li Tungsten Corp.			1	1	2		3		X
Liberty Industrial Finishing				1	1		2		х
Little Valley			1		1		1		X
Love Canal	Х	5							
Ludlow Sand & Gravel	х	1							
Malta Rocket Fuel Area	х	1							
Marathon Battery	Х	3							
Mattiace Petrochemical Co., Inc.	х	2							
Nepera Chemical Co., Inc.					1		1		x
Niagara County Refuse	х	1							
Niagara Mohawk Power Co. (Saratoga Spings)	x	1							
North Sea Municipal Landfill	x								
Old Bethpage Landfill	х								
Olean Well Field	Х	2							

	Sites with	Remedies s 9/30/							
		remedies chosen at sites with	Number of remedies chosen at sites with some remedies selected f	Num	ber o		to be selected	Sites with all	s Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected			999	by fiscal y 2000 & beyond	rear Total planned remedies	remedies selected by 1998	remedies selected by 1999
Onondaga Lake				3	1	2	6		
Pasley Solvents & Chemicals, Inc.	x	1							
Pfohl Brothers Landfill	х	2							
Pollution Abatement Services	х	3							
Port Washington Landfill	х	1							
Preferred Plating Corp.	х	3							
Radium Chemical Co.	х	1							
Ramapo Landfill	Х	1							
Richardson Hill Road Landfill/Pond	x	1							
Robintech, Inc./National Pipe Co.	x	3							
Rosen Brothers Scrap Yard/Dump				1			1	х	
Rowe Industries Groundwater Contamination	х	1							
Sarney Farm	х	1							
Sealand Restoration, Inc.	х	2							
Sidney Landfill	Х	1							
Sinclair Refinery	Х	2							
SMS Instruments, Inc.	x	2							
Solvent Savers	х	1							
Suffern Village Wellfield	Х	1							(continued)

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites				Site	95
	Sites with	sites with	with	Number o	f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Syosset Landfill			1	1		1	Х	
Tri-Cities Barrel Co., Inc.				1		1		Х
Tronic Plating Co., Inc.	х	1						
Vestal Water Supply Well 1-1	х	2						
Volney Municipal Landfill			1		1	1		
Warwick Landfill	Х	2						
Wide Beach Development	х	1						
York Oil Co.			1	1		1	Х	
North Carolina								
ABC One Hour Cleaners	х	2						
Aberdeen Pesticide Dumps			5	1		1	Х	
Benfield Industries, Inc.	х	1						
Bypass 601 Groundwater Contamination	Х	2						
Cape Fear Wood Preserving	х	1						
Carolina Transformer Co.	x	1						
Celanese Corp. (Shelby Fiber Operations)	х	2						
Charles Macon Lagoon & Drum Storage	х	1						
Chemtronics, Inc.	Х							
FCX, Inc. (Statesville Plant)	Х							

		Remedies s 9/30/						
	Sites with	Number of remedies chosen at sites with	chosen at at sites		Number of remedies to be selected			es Sites with all
0.1	all remedies selected, as	all remedies	some remedies		by fiscal y 2000 &	Total planned	remedies selected by	remedies selected by
Site	of 9/30/97	selected	selected	1998 1999	beyond	remedies	1998	1999
FCX, Inc. (Washington Plant)	х	2						
Geigy Chemical Corp. (Aberdeen Plant)	х	1						
General Electric Co./Shepherd Farm	х	1						
Jadco-Hughes Facility	х	1						
JFD Electronics/ Channel Master	х	1						
Koppers Co. Inc. (Morrisville Plant)	х	1						
Martin-Marietta, Sodyeco, Inc.	х	1						
National Starch & Chemical Corp.	х	4						
NC State University (Lot 86, Farm Unit 1)	х	1						
New Hanover County Airport Burn Pit	Х	1						
PCB Spills	Х							
Potter's Septic Tank Service Pits	x							
North Dakota								
Arsenic Trioxide Site	x	2						
Minot Landfill	х	1						
Northern Mariana	Islands							
PCB Warehouse	Х	0						
								(N

		Remedies so 9/30/						
	Sites with all remedies selected, as of 9/30/97	Number of remedies chosen at sites with	remedies chosen chosen at at sites sites with with	Number o		to be selected	Sites with all	es Sites with all
Site		all remedies selected	some remedies selected	1998 1999	by fiscal y 2000 & beyond	ear Total planned remedies	remedies selected by 1998	remedies selected by 1999
Ohio								
Allied Chemical & Ironton Coke	x	2						
Alsco Anaconda	х	2						
Arcanum Iron & Metal Co.	х	1						
Big D Campground	х	1						
Bower's Landfill	х	1						
Buckeye Reclamation	х	1						
Cardington Road Landfill a.k.a. Sanitary Landfill	x	1						
Chem-Dyne Corp.	х	1						
Chemical & Minerals Reclamation	x	0						
Coshocton City Landfill	х	1						
E.H. Schilling Landfill	х	1						
Fields Brook	х	3						
Fultz Landfill	Х	1						
Industrial Excess Landfill	х	2						
Laskin/Poplar Oil	Х	2						
Miami County Incinerator	х	1						
Nease Chemical				1		1		Х
New Lyme Landfill	Х	1						
Old Mill	Х	1						
Ormet Corp.	Х	1						
Powell Road Landfill	х	1						

		Remedies s 9/30/						
		Number of remedies	Number of remedies chosen at sites				Sites	
	Sites with	chosen at sites with	with		f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Pristine, Inc.	Х	2						
Reilly Tar & Chemical Corp. (Dover Plant)	х	1						
Republic Steel Quarry	х	1						
Skinner Landfill	Х	2						
South Point Plant	Х	1						
Summit National Liquid Disposal Service	x	1						
TRW, Inc. (Minerva Plant)	x	0						
United Scrap Lead Co., Inc.	х	1						
Van Dale Junkyard	х	1						
Zanesville Well Field	х	1						
Oklahoma								
Compass Industries (Avery Drive)	х	1						
Double Eagle Refinery Co.	х	2						
Fourth Street Abandoned Refinery	х	2						
Hardage/Criner	Х							
Mosley Road Sanitary Landfill	x							
Oklahoma Refining Co.	x	1						
Sand Springs Petrochemical Complex	х	2						
								(continued)

		Remedies selected by 9/30/97 Number of Number of remedies remedies chosen chosen at at sites						
							Sites	
	Sites with all remedies	sites with	with some	Number o	f remedies by fiscal y	to be selected	Sites with all remedies selected by 1998	Sites with all remedies
Site	selected, as of 9/30/97	all remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies		selected by 1999
Tar Creek (Ottawa County)	x	2						
Tenth Street Dump/Junkyard	х	1						
Oregon								
Allied Plating, Inc.	Х	1						
Gould, Inc.	Х	1						
Joseph Forest Products	х	1						
Martin-Marietta Aluminum Co.	х	1						
McCormick & Baxter Creosoting Co. (Portland)	х	1						
Northwest Pipe & Casing Co.				1		1		х
Reynolds Metals Co.				1		1		х
Teledyne Wah Chang	х	3						
Union Pacific Railroad Tie Treatment	x	1						
United Chrome Products, Inc.	х	1						
Pennsylvania								
A.I.W. Frank/Mid-County Mustang	x	1						
Aladdin Plating	Х							
Ambler Asbestos Piles	Х	2						
AMP, Inc. (Glen Rock Facility)	х	0						

	0	Remedies s 9/30/						
		Number of Number of remedies remedies chosen chosen at at sites sites with with		Number o	f remedies	to be selected	Sites Sites with all Sites with a	
	Sites with all remedies	all	some		by fiscal y		remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Austin Avenue Radiation Site	х	2			-			
Avco Lycoming (Williamsport Division)			2	1		1	х	
Bally Groundwater Contamination	х	1						
Bell Landfill	х	1						
Bendix Flight Systems Division	х	1						
Berkley Products Co. Dump	х	1						
Berks Landfill	Х	1						
Berks Sand Pit	х	1						
Blosenski Landfill	Х	1						
Boarhead Farms				1		1	Х	
Breslube-Penn, Inc.				1		1		Х
Brodhead Creek	Х	2						
Brown's Battery Breaking	x	2						
Bruin Lagoon	х	2						
Butler Mine Tunnel	х	1						
Butz Landfill	Х	2						
C & D Recycling	Х	1						
Centre County Kepone			1		1	1		
Commodore Semiconductor								
Group	Х							
Craig Farm Drum	Х	1						

		Remedies se 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites	Number o	framadias	to be selected	Site	
	Sites with all remedies	sites with all	with some		f remedies to be selected by fiscal year		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Crater Resources/ Keystone Coke/Alan Wood				1		1		x
Crossley Farm			1	1		1		X
Croydon TCE	Х	2						
CryoChem, Inc.	Х	3						
Delta Quarries & Disp./Stotler Landfill	х	1						
Dorney Road Landfill	x	2						
Douglassville Disposal			3	1		1		х
Drake Chemical	Х	3						
Dublin TCE Site			1	1		1	Х	
East Mount Zion	Х	1						
Eastern Diversified Metals			3	1		1		Х
Elizabethtown Landfill				1		1	Х	
Enterprise Avenue	Х	1						
Fischer & Porter Co.			1	1		1	Х	
Foote Mineral Co.				1		1	Х	
Havertown PCP			2		1	1		
Hebelka Auto Salvage Yard	x	2						
Heleva Landfill	х	1						
Hellertown Manufacturing Co.	х	1						
Henderson Road	X							
Hranica Landfill	Х							
Hunterstown Road	Х	1						

		Remedies s 9/30/	elected by /97					
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with	Number o		to be selected	Site Sites with all	s Sites with all
	all remedies	all	some		by fiscal y		remedies	remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Industrial Lane	Х	2						
Jacks Creek/Sitkin Smelting & Refinery	Х	1						
Keystone Sanitation Landfill			1	1		1	Х	
Kimberton Site	Х	2						
Lackawanna Refuse	х	1						
Lansdowne Radiation Site	х	2						
Lehigh Electric & Engineering Co.	х	1						
Lindane Dump	Х	1						
Lord-Shope Landfill	х	1						
Malvern TCE				1		1	Х	
McAdoo Associates	х	3						
Metal Banks				1		1	Х	
Metropolitan Mirror & Glass				1		1	Х	
Middletown Air Field	х	3						
Mill Creek Dump	Х	1						
Modern Sanitation Landfill	х	1						
Moyers Landfill	Х	1						
MW Manufacturing	х	4						
North Penn - Area 1	х	1						
North Penn - Area 2				2		2		х

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Sites with	Number of remedies	Number of remedies					
Sites with all remedies selected, as of 9/30/97	chosen at sites with	chosen at sites with	Number o		to be selected	Sites with all	Sites with all
	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	remedies selected by 1999
			1		1		x
		1	2		2	Х	
				1	1		
х	1						
х	1						
Х	1						
		2	1		1	Х	
Х	1						
		1	1		1	Х	
		2	2		2		x
Х	1						
Х	1						
х	3						
Х	2						
х	1						
Х	1						
Х	2						
Х	4						
v	1						
	elected, as of 9/30/97	elected, as of 9/30/97 remedies selected x 1 x 2 x 4	elected, as of 9/30/97 remedies selected 1 1 x 2 x 1 x 2 x 4	elected, as of 9/30/97 remedies selected remedies selected 1998 1999 1 2 1 2 1 2 x 1 2 1 2 1 x 1 2 1 1 1 x 1 2 1 1 1 x 1 2 1 1 1 x 1 2 1 1 1 x 1 2 1 1 1 x 1 1 1 1 1 1 x 1	x 1 x 2 x 1 x 2 x 1 x 2 x 1 x 2 x 1 x 2 x 1 x 2 x 1 x 2 x 2 x <td>elected, as of 9/30/97 remedies selected 1998 1999 2000 & beyond Total planned remedies 1 1 1 1 1 1 2 2 2 1 2 2 1 x 1 2 2 x 1 2 1 x 1 - 1 x 1 - - x 1 - - x 1 - - - x 1 - - - - x 1 - - - - - x 1 -<td>x 1 2000 & Total planed beyond selected by remedies selected by selected by termedies 1</td></td>	elected, as of 9/30/97 remedies selected 1998 1999 2000 & beyond Total planned remedies 1 1 1 1 1 1 2 2 2 1 2 2 1 x 1 2 2 x 1 2 1 x 1 - 1 x 1 - - x 1 - - x 1 - - - x 1 - - - - x 1 - - - - - x 1 - <td>x 1 2000 & Total planed beyond selected by remedies selected by selected by termedies 1</td>	x 1 2000 & Total planed beyond selected by remedies selected by selected by termedies 1

Voortman Farm x 1 Wade (ABM) x 1 Walsh Landfill 1 1 1 x Wastinghouse Electronic Figure 1 1 x x Westinghouse Electronic 1 1 1 x x Westinghouse 1 1 1 x			Remedies s 9/30/						
Site remedies remedies selected 1998 1999 beyond Total planned selected by selected by 1998 1999 State of 9/30/97 selected 1998 1999 <t< th=""><th></th><th></th><th>remedies chosen at sites with</th><th>of remedies chosen at sites with</th><th>Number o</th><th colspan="3"></th><th>Sites with all</th></t<>			remedies chosen at sites with	of remedies chosen at sites with	Number o				Sites with all
Manufacturing Co., Inc. 1 x x Dump x 1 x x Bagertown	Site	selected, as	remedies	remedies	1998 1999	2000 &	Total planned	selected by	selected by
Route 940 Drum Dumpx1Dumpx1Saegertown Industrial Areax1Shrivers Cornerx1Starley Kesslerx1Starley Kesslerx1Taylor Borough Dumpx2Tonolli Corp.x1Tosourpx2Collimbia Gas Plant11Mash Landfill11X11Wade (ABM)x1Wade (ABM)11X1XWestinghouse Elevator Co. Plant11Elevator Co. Plantx2York County Solid Waste/Retuse Landfillx1Puerto Rico Barceloneta11Puerto Rico Barceloneta11Puerto Rico Barceloneta11Puerto Rico Barceloneta11Hart Start Start11Start Start Start Start1Start Start	Manufacturing				1		1	х	
Industrial Area x 1 Shriver's Corner x 1 Stanley Kessler x 1 Strasburg Landfill 3 1 1 Taylor Borough	Route 940 Drum	х	1						
Stanley Kessler x 1 Strasburg Landfill 3 1 1 Taylor Borough		х	1						
Strasburg Landfill 3 1 1 Taylor Borough Dump x 2	Shriver's Corner	Х	1						
Taylor Borough Dump x 2 Tonolli Corp. x 1 Tysons Dump x 5 UGI Columbia 1 1 x 1 x 1 Gas Plant 1 1 x x 1 x x 1 1 x 1 x 1 x 1 x 1 1 1 x 1 1 1 1 1 x 1 <	Stanley Kessler	Х	1						
Dump x 2 Tonolli Corp. x 1 Tysons Dump x 5 UGI Columbia Gas Plant 1 1 x Voortman Farm x 1 x 1 Wade (ABM) x 1 1 x x Wade (ABM) x 1 1 x x x Wade (ABM) x 1 1 x	Strasburg Landfill			3		1	1		
Tysons Dump x 5 UGI Columbia Gas Plant 1 1 x Gas Plant 1 1 1 x Voortman Farm x 1 1 x Wade (ABM) x 1 1 x Wastinghouse Electronic (Sharon Plant) 1 1 x Westinghouse Elevator Co. Plant x 2 Westline Site x 3 Whitmoyer Laboratorries x 3		х	2						
UGI Columbia Gas Plant 1 1 x Yoortman Farm x 1 x Wade (ABM) x 1 x Wadsh Landfill 1 1 1 x Walsh Landfill 1 1 1 x Westinghouse Electronic (Sharon Plant) 1 1 x Westinghouse 1 1 1 x x Elevator Co. Plant x 2 Vestline Site x 3 Whitmoyer Laboratories x 3 Vork County Solid Vaste/Refuse Landfill x 1 Horder County Solid Electronic Electronic York County Solid X 1 Electronic Electronic Electronic York County Solid X 1 Electronic Electronic Electronic York County Solid X 1 Electronic Electronic Electronic Waste/Refuse Landfill x 1 Electronic Electronic Barceloneta X	Tonolli Corp.	Х	1						
Gas Plant 1 1 x Voortman Farm x 1	Tysons Dump	Х	5						
Wade (ABM) x 1 Walsh Landfill 1 1 1 x Westinghouse Electronic (Sharon Plant) 1 1 x Westinghouse Elevator Co. Plant x 2 2 Westine Site x 3 3 Whitmoyer Laboratories x 3 3 William Dick Lagoons x 2 York County Solid Waste/Refuse Landfill x 1 Puerto Rico					1		1		х
Walsh Landfill 1 1 1 x Westinghouse Electronic (Sharon Plant) 1 1 x Westinghouse Elevator Co. Plant x 2 2 Westine Site x 3 3 Whitmoyer Laboratories x 3 3 William Dick Lagoons x 2 2 York County Solid Waste/Refuse Landfill x 1 1 Puerto Rico 2 2 2 Barceloneta Landfill x 1 1	Voortman Farm	х	1						
Westinghouse Electronic (Sharon Plant) 1 x Westinghouse Elevator Co. Plant x 2 Westline Site x 3 Whitmoyer	Wade (ABM)	Х	1						
Electronic 1 1 x Westinghouse Elevator Co. Plant x 2 Westline Site x 3	Walsh Landfill			1	1		1		х
Westinghouse Elevator Co. Plantx2Westline Sitex3Whitmoyer Laboratoriesx3William Dick Lagoonsx2York County Solid Waste/Refuse Landfillx1Puerto Rico	Electronic				1		1		X
Whitmoyer Laboratoriesx3William Dick Lagoonsx2York County Solid Waste/Refuse Landfillx1Puerto Rico	Westinghouse	x	2						
Laboratoriesx3William Dick Lagoonsx2York County Solid Waste/Refuse Landfillx1Puerto Ricox1Barceloneta Landfillx1	Westline Site	Х	3						
Lagoonsx2York County Solid Waste/Refuse Landfillx1Puerto Ricox1Barceloneta Landfillx1	Whitmoyer Laboratories	x	3						
Waste/Refuse Landfillx1Puerto RicoBarceloneta Landfillx1		x	2						
Barceloneta Landfill x 1	Waste/Refuse	Х	1						
Landfill x 1	Puerto Rico								
		x	1						

		Remedies se 9/30/						
	Sites with all remedies	Number of remedies chosen at sites with all	Number of remedies chosen at sites with some		f remedies by fiscal y	to be selected	Site Sites with all remedies	es Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Fibers Public Supply Wells	х	1						
Frontera Creek	Х	1						
GE Wiring Devices	х	1						
Juncos Landfill	х	2						
RCA Del Caribe	Х	1						
Upjohn Facility	Х	1						
V & M/Albadejo				1		1		Х
Vega Alta Public Supply Wells	х	2						
Rhode Island								
Central Landfill			1	1		1	Х	
Davis (GSR) Landfill	х	1						
Davis Liquid Waste	х	1						
Landfill & Resource Recovery, Inc. (L&RR)	x	1						
Peterson/Puritan, Inc.			1		1	1		
Picillo Farm	Х	1						
Rose Hill Regional Landfill				1		1	х	
Stamina Mills, Inc.	Х	1						
West Kingston Town Dump/Uri Disposal					1	1		
Western Sand & Gravel	х	3						

		Remedies s 9/30/						
	Sites with	Number of remedies chosen at sites with	es chosen at at sites th with all some es remedies	Number o		to be selected	Site Sites with all	es Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected		1998 1999	by fiscal y 2000 & beyond	rear Total planned remedies	remedies selected by 1998	remedies selected by 1999
South Carolina								
Aqua-Tech Environmental, Inc. (Groce Labs)				1		1		x
Beaunit Corp. (Circular Knit & Dye)	х	1						
Carolawn, Inc.	Х	2						
Elmore Waste Disposal	х	1						
Geiger (C & M Oil)	Х	2						
Golden Strip Septic Tank Service	х	1						
Helena Chemical Co. Landfill	х	2						
Independent Nail Co.	х	2						
Kalama Specialty Chemicals	х	1						
Koppers Co., Inc. (Charleston Plant)			1	1		1	Х	
Koppers Co., Inc. (Florence Plant)				1		1	Х	
Leonard Chemical Co., Inc.				1		1	Х	
Lexington County Landfill Area	х	1						
Medley Farm Drum Dump	х	1						
Palmetto Recycling, Inc.	х	1						
Palmetto Wood Preserving	х	1						
Para-Chem Southern, Inc.	х	1						

		Remedies se 9/30/						
		Number of remedies chosen at	chosen at sites with some remedies	Newsbarr	6	to be calculated as	Site	s
	Sites with	sites with			t remedies by fiscal y	to be selected	Sites with all remedies selected by 1998	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected		1998 1999	2000 & beyond	Total planned remedies		remedies selected by 1999
Rochester Property	х	1						
Rock Hill Chemical Co.	x	1						
Sangamo Weston/Twelve- Mile Hartwell PCB	x	2						
SCRDI Bluff Road	Х	1						
SCRDI Dixiana	х	1						
Shuron, Inc.				1		1	Х	
Townsend Saw Chain Co.	x	2						
Wamchem, Inc.	х	1						
South Dakota								
Whitewood Creek	х	1						
Williams Pipeline Co. Disposal Pit	x	1						
Tennessee								
American Creosote Works (Jackson Plant)	х	2						
Amnicola Dump	Х	1						
Arlington Blending & Packaging	x	1						
Carrier Air Conditioning Co.	x	1						
Chemet Co.	Х							
Gallaway Pits	Х							
ICG Iselin Railroad Yard				1		1	х	
Lewisburg Dump	Х	1						
Mallory Capacitor Co.	Х	1						(continued)

		Remedies s 9/30/						
		remedies chosen at	t at sites n with I some s remedies	Number	fromodioo	to be calested	Site	
	Sites with all remedies	sites with all		Number o	by fiscal y	to be selected	Sites with all remedies	Sites with all remedies selected by 1999
Site	selected, as of 9/30/97	remedies selected		1998 1999	2000 & beyond	Total planned remedies	selected by 1998	
Murray-Ohio Dump	x	1						
North Hollywood Dump	х	1						
Tennessee Products				1		1	Х	
Velsicol Chemical Corp. (Hardeman County)	Х	2						
Wrigley Charcoal Plant			2	1		1		x
Texas								
Alcoa (Point Comfort)/Lavaca Bay				1		1		X
Bailey Waste Disposal	х	2						
Bio-Ecology Systems, Inc.	x	1						
Brio Refining, Inc.	Х	1						
Crystal Chemical Co.	х	1						
Crystal City Airport	х	1						
Dixie Oil Processors, Inc.	х	1						
French, LTD	Х	1						
Geneva Industries/ Fuhrmann Energy	х	1						
Harris (Farley Street)	х	1						
Highlands Acid Pit	х	2						
Koppers Co., Inc. (Texarkana Plant)	Х	1						

		Remedies s 9/30/						
		Number of remedies chosen at	chosen at sites with some remedies				Site	2S
	Sites with	sites with			f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected		1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Motco, Inc.	х	2						
North Cavalcade Street	Х	1						
Odessa Chromium 1	х	2						
Odessa Chromium 2 (Andrews Highway)	x	2						
Pesses Chemical Co.	X	1						
Petro-Chemical Systems (Turtle Bayou)	х	2						
RSR Corp.	х	5						
Sheridan Disposal Services	х	2						
Sikes Disposal Pits	х	1						
Sol Lynn/Industrial Transformers	x	2						
South Cavalcade Street	х	1						
Stew Co., Inc.	Х	1						
Texarkana Wood Preserving Co.	х	2						
Triangle Chemical Co.	х	1						
United Creosoting Co.	х	2						
Trust Territory								
PCB Wastes	Х	0						
Utah								
Midvale Slag			1	1		1		Х

		Remedies se 9/30/						
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with	Number o		to be selected	Site Sites with all	s Sites with all
	all remedies selected, as	all remedies	some remedies		by fiscal y 2000 &	ear Total planned	remedies selected by	remedies selected by
Site	of 9/30/97	selected		1998 1999	beyond	remedies	1998	1999
Monticello Radioactive Contaminated Prop	x	1						
Petrochem Recycling Corp. /Ekotek Plant	х	1						
Portland Cement (Kiln Dust 2 & 3)			2	1		1	Х	
Rose Park Sludge Pit	х	0						
Sharon Steel Corp. (Midvale Tailings)	Х	2						
Utah Power & Light/American Barrel Co.	х	1						
Wasatch Chemical Co. (Lot 6)	х	1						
Vermont								
Bennington Municipal Sanitary Landfill				1		1	х	
BFI Sanitary Landfill (Rockingham)	X	1						
Burgess Brothers Landfill				1		1	х	
Darling Hill Dump	Х	1						
Old Springfield Landfill	х	2						
Parker Sanitary Landfill	x	1						
Pine Street Canal	Х	1						
Tansitor Electronics, Inc.	Х	1						

		Remedies selected by 9/30/97						
		Number of remedies	Number of remedies chosen				Site	c
	Sites with all remedies	chosen at sites with all	at sites with some remedies selected		f remedies by fiscal y	to be selected	Sites with all remedies	Sites with all remedies selected by 1999
Site	selected, as of 9/30/97	remedies selected		1998 1999	2000 & beyond	Total planned remedies	selected by 1998	
Virgin Islands								
Island Chemical Corp./V.I. Chemical Corp.				1		1		x
Tutu Wellfield	Х	1						
Virginia								
ABEX Corp.	Х	1						
Arrowhead Associates/ Scovill Corp.	x	1						
Atlantic Wood Industries, Inc.			1	1		1		x
Avtex Fibers, Inc.			2	3	1	4		
Buckingham County Landfill	х	1						
C & R Battery Co., Inc.	х	1						
Chisman Creek	Х	2						
Culpeper Wood Preservers, Inc.				1		1		х
Dixie Caverns County Landfill	х	2						
First Piedmont Rock Quarry (Route 719)	х	1						
Greenwood Chemical Co.			2	1		1	Х	
H & H, Inc., Burn Pit	х	1						
L.A. Clarke & Son	Х	1						
Matthews Electroplating	х	1						
Rentokil, Inc. (VA Wood Preserving Division)	x	1						

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites					Site	9S
	Sites with	sites with	with some remedies selected		mber o	f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected			1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Rhinehart Tire Fire Dump			2	1			1	х	
Saltville Waste Disposal Ponds			2		1		1		х
Saunders Supply Co.	х	1							
Suffolk City Landfill	х	1							
U.S. Titanium	Х	1							
Washington									
Alcoa (Vancouver Smelter)	х	1							
American Crossarm & Conduit Co.	х	1							
Boomsnub/Airco			1		1		1		х
Centralia Municipal Landfill				1			1	Х	
Colbert Landfill	Х	1							
Commencement Bay, Near Shore/Tide Flats			6			1	1		
Commencement Bay, South Tacoma Channel	x	3							
FMC Corp. (Yakima Pit)	x								
Frontier Hard Chrome, Inc.	x								
General Electric Co. (Spokane Shop)	х								
Greenacres Landfill	Х								
Harbor Island (Lead)			3		1		1		х

		Remedies se 9/30/						
	Sitee with	Number of remedies chosen at	chosen at sites	Number o	f remedies	to be selected	Site	
	Sites with all remedies	sites with all	with some		by fiscal y		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Hidden Valley Landfill (Thun Field)				1		1	х	
Kaiser Aluminum Mead Works				1		1	Х	
Lakewood Site	х	1						
Mica Landfill					1	1		
Midway Landfill				1		1	х	
Moses Lake Wellfield Contamination					1	1		
North Market Street				1		1	х	
Northside Landfill	х	1						
Northwest Transformer	х	1						
Northwest Transformer (South Harkness Street)	Х	1						
Oeser Co.					1	1		
Old Inland Pit				1		1		Х
Pacific Car & Foundry Co.	х	1						
Pacific Sound Resources				1		1		х
Palermo Well Field Groundwater Contamination				1		1		x
Pasco Sanitary Landfill				1		1	Х	
Pesticide Lab	Х	1						
Queen City Farms	Х							

		Remedies s 9/30/						
	Sites with all remedies selected, as of 9/30/97	Number of remedies chosen at	Number of remedies chosen at sites				Site	S
		sites with	with	Number o	f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site		all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Seattle Municipal Landfill (Kent Highlands)	x	1						
Silver Mountain Mine	x	1						
Spokane Junkyard/ Associated Properties	Х	0						
Toftdahl Drums	Х	1						
Tulalip Landfill			1	1		1	Х	
Vancouver Water Station 4 Contamination					1	1		
Western Processing Co., Inc.	x	2						
Wyckoff Co./Eagle Harbor			3	1		1		x
Yakima Plating Co.	x	1						
West Virginia								
Fike Chemical, Inc.			3		1	1		
Leetown Pesticide	Х	1						
Ordnance Works Disposal Areas	х	2						
Sharon Steel Corp. (Fairmont Coke Works)					1	1		
Wisconsin								
Algoma Municipal Landfill	х	1						
Better Brite Plating Chrome & Zinc Shops	х	2						

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites				Sites		
	Sites with	sites with	with	Number o	f remedies by fiscal y	to be selected	Sites with all	Sites with all	
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998 1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999	
Boundary Road Landfill	х	1							
City Disposal Corp. Landfill	х	1							
Delavan Muni Well 4				1		1		X	
Eau Claire Muni Well Field	х	2							
Fadrow Ski Drum Disposal	х	1							
Hagen Farm	Х	2							
Hechimovich Sanitary Landfill	х	2							
Hunts Disposal	Х	1							
Janesville Ash Beds	х	1							
Janesville Old Landfill	х	1							
Kohler Co. Landfill	Х	2							
Lemberger Landfill, Inc.	х	1							
Lemberger Transport & Recycling, Inc.	x	2							
Madison Metropolitan Sewerage District Lagoons	Х	1							
Master Disposal Service Landfill	x								
Mid-State Disposal, Inc., Landfill	Х								
Moss-American (Kerr-McGee Oil Co.)	х	1							

		Remedies selected by 9/30/97						
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with	Number o	f remedies	to be selected	Sites with all	s Sites with all
	all remedies	all	some		by fiscal y		remedies	remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Muskego Sanitary Landfill	х	2			_			
National Presto Industries	x	4						
Northern Engraving Co.	х	1						
N.W. Mauthe Co., Inc.	х	1						
Oconomowoc Electroplating Co., Inc.	х	1						
Onalaska Muni Landfill	х	1						
Penta Wood Products, Inc.				1		1	х	
Refuse Hideaway	х	1						
Ripon City Landfill (Highway FF)	х	1						
Sauk County Landfill	х	2						
Schmalz Dump	Х	2						
Scrap Processiing Co., Inc.	х	1						
Sheboygan Harbor & River				1		1	Х	
Spickler Landfill			1	1		1	Х	
Stoughton City Landfill	х	1						
Tomah Armory	Х	1						
Tomah Fairgrounds	х	1						
Tomah Municipal San Landfill	x	1						

Site	Sites with all remedies selected, as of 9/30/97	Remedies s 9/30/							
		remedies chosen at	Number of remedies chosen at sites with some					Sites	
		sites with all		Num	ber o	f remedies by fiscal y	to be selected ear	Sites with all remedies	Sites with all remedies
		remedies selected	remedies	1998 <i>·</i>	1999	2000 & beyond	Total planned remedies	selected by 1998	remedies selected by 1999
Waste Management of Wisconsin- Brookfield						1	1		
Wausau Groundwater Contamination	х	2							
Wheeler Pit	Х	1							
Wyoming									
Mystery Bridge Road/U.S. Highway 20	Х	1							
Total	890	1,208	236	153	128	67	348	108	111

Table III.2: Federal Sites' Status of Remedy Selection, as of September 30, 1997

		Remedies s 9/30/							
	Sites with	Number of remedies chosen at sites with	Number of remedies chosen at sites with		ber of	f remedies	to be selected	Sites Sites with all Sites wit	
	all remedies	all	some			by fiscal y		remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998 1	999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Alabama									
Alabama Army Ammunition Plant			5	1			1	х	
Anniston Army Depot (SE Industrial Area)			1			1	1		
Redstone Arsenal (U.S. Army/NASA)				1			1	Х	
Alaska									
Adak Naval Air Station			1	1			1	х	
Eielson Air Force Base	х	6							
Elmendorf Air Force Base	х	7							
Fort Richardson (U.S. Army)			1	1	1		2		х
Fort Wainwright			5	1			1	Х	
Standard Steel & Metals Salvage Yard (DOT)	x	1							
Arizona									
Luke Air Force Base			1	1			1	х	
Williams Air Force Base			3	2		1	3		
Yuma Marine Corps Air Station				1	1		2		x
California									
Barstow Marine Corps Logistics Base			1	2	1		3		×
			1	2			5		(continued)

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites			f	to be coloried.	Site	95
	Sites with all remedies selected, as	sites with all remedies	with some remedies			by fiscal y 2000 &	Total planned	Sites with all remedies selected by	Sites with all remedies selected by
Site Camp Pendleton Marine Corps Base	of 9/30/97	selected	selected		1999 1	beyond	remedies	1998	1999 x
Castle Air Force Base			3		1		2		^ X
Concord Naval Weapons Station					3	1	4		
Edwards Air Force Base				1	3	7	11		
El Toro Marine Corps Air Station			2	2	2	1	5		
Fort Ord			6		1		1		Х
George Air Force Base			1	1	1		2		x
Jet Propulsion Laboratory (NASA)					1	2	3		
Laboratory for Energy-Related Health Research/Old Campus Landfill (DOE)					1		1		x
Lawrence Livermore Laboratory (Site 300)			2		1	2	3		
Lawrence Livermore Laboratory (DOE)	х	1							
March Air Force Base			1	1	1		2		x
Mather Air Force Base			3	1			1	Х	
McClellan Air Force Base (Groundwater Contamination)			2			2	2		
			2			<u> </u>	۷		(continued)

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites			6	(- hl(- d -)	Site	95
	Sites with all remedies	sites with all	with	Nun	nber o	of remedies to be selected by fiscal year		Sites with all	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	some remedies selected	1998	1999	2000 & beyond	Total planned remedies	remedies selected by 1998	selected by 1999
Moffett Naval Air Station			3		1		1		x
Norton Air Force Base			1			3	3		
Riverbank Army Ammunition Plant	х	1							
Sacramento Army Depot	х	5							
Sharpe Army Depot	х	2							
Tracy Defense Depot			1	1			1	Х	
Travis Air Force Base				1	2	1	4		
Treasure Island Naval Station-Hunter Point Annex			1	3	1		4		x
Colorado				0					
Air Force Plant PJKS					4		4		x
Rocky Flats Plant (DOE)			7	2	2		4		x
Rocky Mountain Arsenal	х	15							
Connecticut									
New London Submarine Base			2	2	1	4	7		
Delaware									
Dover Air Force Base	х	11							
Florida									
Cecil Field Naval Air Station			8	3	3		6		x
Homestead Air Force Base			4	4	1		5		x
									(continued)

		Remedies s 9/30/								
		Number of remedies	chosen					Sites		
	Sites with all remedies selected, as of 9/30/97	chosen at sites with	at sites with		Number of remedies to be selected by fiscal year			Sites with all	Sites with all	
Site		all remedies selected	some remedies selected		1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999	
Jacksonville Naval Air Station			3	3		1	4			
Pensacola Naval Air Station			2	5	7		12		х	
Tyndall Air Force Base					1	6	7			
Whiting Field Naval Air Station Site 5				3			3	х		
Georgia										
Marine Corps Logistics Base 555			7	2	1		3		x	
Robins Air Force Base (Landfill/Sludge Lagoon)	х	3								
Guam										
Andersen Air Force Base				1		5	6			
Hawaii										
Naval Computer & Telecommunication Area Master	IS									
Station Eastern Pacific						1	1			
Pearl Harbor Naval Complex					8	4	12			
Schofield Barracks	Х	4								
Idaho										
Idaho National Engineering Lab (DOE)			15	3	4	4	11			
Mountain Home Air Force Base	х	3							(continued)	

		Remedies so 9/30/							
	Sitos with	Number of remedies chosen at	chosen at sites	Number	fromodios	to be selected	Sites		
	Sites with all remedies	sites with all	with some	Number C	by fiscal y		Sites with all remedies	Sites with all remedies	
Site	selected, as of 9/30/97	remedies selected	remedies	1998 1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999	
Illinois									
Joliet Army Ammunition Plant (Load Assembly Packing Area)				2		2	х		
Joliet Army Ammunition Plant (Manufacturing Area)				2		2	х		
Sangamo Electric Dump/Crab Orchard National Wildlife Refuge (DOI)			3	1		1		x	
Savanna Army Depot			1	1		1		x	
lowa									
Iowa Army Ammunition Plant				2 1		3		x	
Kansas									
Fort Riley			2	1 1	1	3			
Kentucky									
Paducah Gas Diffusion Plant (DOE)			5	37	1	11			
Louisiana									
Louisiana Army Ammunition Plant			1	2 1		3		x	
Maine									
Brunswick Naval Air Station			5	2		2	х		
Loring Air Force Base			9	1 2	1	4			
Portsmouth Naval Shipyard				1	3	4			
Maryland									

		Remedies s 9/30/							
	Sites with all remedies selected, as	Number of remedies chosen at sites with	chosen at sites with		nber o	f remedies by fiscal y	to be selected	Site Sites with all	Sites with all
		all remedies	some remedies			2000 &	Total planned	remedies selected by	remedies selected by
Site	of 9/30/97	selected	selected	1998	1999	beyond	remedies	1998	1999
Aberdeen Proving Ground (Edgewood Area)			9	1	1	1	3		
Aberdeen Proving Ground (Michaelsville Landfill)			3			2	2		
Indian Head Naval Surface Warfare Center					1	4	5		
Patuxent River Naval Air Station			1	1	2		3		x
Massachusetts									
Fort Devens			5	5	1		6		х
Fort Devens-Sudbury Training Annex	х	3							
Hanscom Field/Hanscom Air Force Base					2		2		х
Materials Technology Laboratory (U.S. Army)			2	1			1	х	
Natick Laboratory Army Research, D & E Center				1			1	х	
Naval Weapons Industrial Reserve Plant				1	1		2		x
Otis Air National Guard/Camp Edwards			4	3	3		6		x
South Weymouth Naval Air Station					1		1		Х
Minnesota									

		Remedies s 9/30/							
		Number of remedies	chosen					Site	s
	Sites with	chosen at sites with	at sites with	Nu	mber o	f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected		1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Naval Industrial Reserve Ordnance Plant			1		2		2		x
New Brighton/Arden Hills			9	1	2		1	x	
Twin Cities Air Force Base (Small Arms Range Landfill)	Х	1							
Missouri									
Lake City Army Ammunition Plant (NW Lagoon)				1	2	1	4		
Weldon Spring Former Army Ordnance Works			1	1			1	х	
Weldon Spring Quarry/Plant/Pitts (DOE)			2	2			2	х	
Nebraska									
Cornhusker Army Ammunition Plant			1	1	1		2		x
New Hampshire									
Pease Air Force Base	х	11							
New Jersey									
Federal Aviation Admin. Tech. Center			9	2	2		4		х
Fort Dix (Landfill Site)			1		2	1	3		
Naval Air Engineering Center			24		1		1		x
									(continued)

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites					Site	95
	Sites with	sites with	with		ber o	f remedies by fiscal y	to be selected ear	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected		999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Naval Weapons Station Earle (Site A)			2	4			4	x	
Picatinny Arsenal			1	2		1	3	X	
W.R. Grace/Wayne Interim Storage (DOE)						1	1		
New Mexico									
Cal West Metals (U.S. Small Business Admin.)	х	1							
Lee Acres Landfill (DOI)				1			1	Х	
New York									
Brookhaven National Laboratory (DOE)			1	5			5	х	
Griffiss Air Force Base				1	1		2		x
Plattsburgh Air Force Base			8	3	2	2	7		
Seneca Army Depot				2	3	6	11		
North Carolina									
Camp LeJeune (Marine Corps)			12	5			5	Х	
Cherry Point Marine Corps Air Station			1	2		1	3		
Ohio									
Feed Materials Production Center (DOE)	х	6							
Mound Plant (DOE)			1			5	5		

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites					Site	es
	Sites with	sites with	with	Num	iber o	f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected		1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Wright-Patterson Air Force Base			8	3			3	х	
Oklahoma									
Tinker Air Force Base (Soldier CR/Bldg. 300)			2	2			2	х	
Oregon									
Fremont National Forest/White King & Lucky Lass Uranium Mines (USDA)				1			1	x	
Umatilla Army Depot (Lagoons)	x	8							
Pennsylvania									
Letterkenny Army Depot (PDO Area)			1		2	1	3		
Letterkenny Army Depot (SE Area)			1		3	3	6		
Naval Air Development Center (8 Areas)	х	4							
Navy Ships Parts Control Center				1	2		3		X
Tobyhanna Army Depot			3	2	2	1	5		
Willow Grove Naval Air & Air Reserve Station				1			1	Х	
Puerto Rico									
Naval Security Group Activity	x	3							
Rhode Island									
Davisville Naval Construction Battalion Center			3	2			2	Х	
			5	~			۷	Λ	(continued)

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites					Site	9S
	Sites with	sites with	with	Nu	mber o	f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998	1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Newport Naval Education/ Training Center			2		1	4	5		
South Carolina									
Parris Island Marine Corps Recruit Depot						4	4		
Savannah River Site (DOE)			24	10	10	15	35		
South Dakota									
Ellsworth Air Force Base	x	14							
Tennessee									
Defense Depot Memphis (U.S. Army)			1		3	1	4		
Milan Army Ammunition Plant			8	4	8	2	14		
Oak Ridge Reservation (DOE)			19	3	9	8	20		
Texas									
Air Force Plant 4 (General Dynamics)	х	1							
Lone Star Army Ammunition Plant					2		2		x
Longhorn Army Ammunition Plant			1	2	1		3		x
Pantex Plant (DOE)					1		1		x
Utah									
Hill Air Force Base			9	1	2		3		x
Monticello Mill Tailings (DOE)			2	1			1	Х	
									(continued)

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites					Site	95
	Sites with	sites with	with	Nun	ber o	f remedies by fiscal y	to be selected	Sites with all	Sites with all
Site	all remedies selected, as of 9/30/97	all remedies selected	some remedies selected	1998	1999	2000 & beyond	Total planned remedies	remedies selected by 1998	remedies selected by 1999
Ogden Defense Depot	x	4							
Tooele Army Depot (North Area)			4	1	3		4		x
Virginia									
Defense General Supply Center			4	3	2		5		x
Fort Eustis (U.S. Army)				1	1	1	3		
Langley Air Force Base/NASA Langley Center				3	3	13	19		
Marine Corps Combat Development Command			1	2	2	2	6		
Naval Surface Warfare - Dahlgren			2		2	3	10		
Naval Weapons Station - Yorktown			3	2			2	х	
Norfolk Navy Base	х	1							
Washington									
American Lake Gardens/ McChord Air Force Base	х	1							
Bangor Naval Submarine Base	х	7							
Bangor Ordnance Disposal	х	1							
Bonneville Power Admin. Ross (DOE)	Х	2							

		Remedies s 9/30/						
		Number of remedies chosen at	Number of remedies chosen at sites	Numbe	r of remedies	to be selected	Site	
	Sites with all remedies	sites with all	with some		by fiscal y		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies	1998 199	2000 & 9 beyond	Total planned remedies	selected by 1998	selected by 1999
Fairchild Air Force Base (4 Waste Areas)			3	1		1	X	
Fort Lewis (Landfill 5)	x	1						
Fort Lewis Logistics Center			2		1	1		
Hamilton Island Landfill (U.S. Corps of Engineers)	Х	1						
Hanford 100-Area (DOE)			3	3		3	x	
Hanford 1100-Area (DOE)	х	1						
Hanford 200-Area (DOE)			3		1 2	3		
Hanford 300-Area (DOE)			1		1	1		
Jackson Park Housing Complex (U.S. Navy)				2		2	Х	
McChord Air Force Base (Wash Rack/Treat)	Х	1						
Naval Undersea Warfare Station (4 Areas)			1	1		1	Х	
Old Navy Dump/ Manchester Laboratory (EPA/NOAA)	Х	1						
Port Hadlock Detachment (U.S. Navy)	x							

		Remedies s 9/30/							
		Number of remedies chosen at	Number of remedies chosen at sites	NI		fremedies	to be selected	Site	s
	Sites with all remedies	sites with all	with some	nur	nbero	by fiscal y		Sites with all remedies	Sites with all remedies
Site	selected, as of 9/30/97	remedies selected	remedies selected	1998	1999	2000 & beyond	Total planned remedies	selected by 1998	selected by 1999
Puget Sound Naval Shipyard Complex			2	1			1	х	
Whidbey Island Naval Air Station (AULT)	х	5							
Whidbey Island Naval Air Station (Seaplane)	х	1							
West Virginia									
Allegany Ballistics Laboratory (U.S. Navy)			2	2	1	1	4		
West Virginia Ordnance (U.S. Army)			2	4	1		5		x
Wyoming									
F.E. Warren Air Force Base			7	1	1	2	4		
Total	36	139	342	177	159	144	480	30	40

Nonfederal and Federal Sites With at Least One Remedy Selected and Only One Left to Be Selected, as of September 30, 1997

Table IV.1: Nonfederal Sites With atLeast One Remedy Selected and OnlyOne Left to Be Selected, as ofSeptember 30, 1997

Site	Number of remedies selected
Alabama	
Olin Corp. (McIntosh Plant)	1
Stauffer Chemical Co. (LeMoyne Plant)	2
T.H. Agriculture & Nutrition (Montgomery Plant)	1
Arizona	
Indian Bend Wash Area	6
Motorola, Inc. (52nd Street Plant)	2
Arkansas	
South 8th Street Landfill	1
California	
Brown & Bryant, Inc. (Arvin Plant)	1
Newmark Groundwater Contamination	2
Stringfellow	4
Colorado	
Chemical Sales Co.	4
Eagle Mine	1
Lincoln Park	1
Connecticut	
Old Southington Landfill	1
Delaware	
Dover Gas Light Co.	1
Halby Chemical Co.	1
Standard Chlorine of Delaware, Inc.	1
Florida	
Escambia Wood - Pensacola	1
Petroleum Products Corp.	1
Georgia	
Marzone Inc./Chevron Chemical Co.	1
Illinois	
Byron Salvage Yard	3
	(continued)

Site	Number of remedies selected
Outboard Marine Corp.	1
Pagel's Pit	1
Parson's Casket Hardware Co.	1
Southeast Rockford Groundwater Contamination	2
lowa	
Shaw Avenue Dump	1
Kansas	
Cherokee County	4
Obee Road	1
Pester Refinery Co.	1
Kentucky	
National Southwire Aluminum Co.	1
Maryland	
Kane & Lombard Street Drums	1
Sand, Gravel & Stone	2
Massachusetts	
Industri-Plex	1
Iron Horse Park	2
Nyanza Chemical Waste Dump	3
W.R. Grace & Co., Inc. (Acton Plant)	1
Michigan	
Electrovoice	1
Ionia City Landfill	1
Ott/Story/Cordova Chemical Co.	3
Petoskey Municipal Well Field	1
Rockwell International Corp. (Allegan Plant)	1
Spartan Chemical Co.	1
Thermo-Chem, Inc.	1
Missouri	
Missouri Electric Works	1
Montana	

Site	Number of remedies selected
Anaconda Co. Smelter	4
East Helena Site	1
Silver Bow Creek/Butte Area	5
Nebraska	
Cleburn Street Well	1
Nebraska Ordnance Plant (Former)	2
Nevada	
Carson River Mercury Site	1
New Jersey	
Asbestos Dump	2
Bridgeport Rental & Oil Services	1
Burnt Fly Bog	2
Chemical Insecticide Corp.	2
Chemsol, Inc.	1
Cinnaminson Groundwater Contamination	1
Diamond Alkali Co.	1
Dover Municipal Well 4	1
Evor Phillips Leasing	1
Glen Ridge Radium Site	2
Hercules, Inc. (Gibbstown Plant)	1
Imperial Oil Co., Inc./Champion Chemicals	2
Industrial Latex Corp.	1
Montclair/West Orange Radium Site	2
Rockaway Borough Well Field	2
Rockaway Township Wells	1
Roebling Steel Co.	3
Sayreville Landfill	1
Shield Alloy Corp.	1
Syncon Resins	1

Site	Number of remedies selected
Universal Oil Products (Chemical Division)	1
White Chemical Corp.	1
Woodland Route 532 Dump	2
Woodland Route 72 Dump	2
New York	
Forest Glen Mobile Home Subdivision	1
Goldisc Recordings, Inc.	1
Hooker Chemical/Ruco Polymer Corp.	2
Hudson River PCBs	1
Little Valley	1
Syosset Landfill	1
Volney Municipal Landfill	1
York Oil Co.	1
North Carolina	
Aberdeen Pesticide Dumps	5
Pennsylvania	
Avco Lycoming (Williamsport Division)	2
Centre County Kepone	1
Crossley Farm	1
Douglassville Disposal	3
Dublin TCE Site	1
Eastern Diversified Metals	3
Fischer & Porter Co.	1
Havertown PCP	2
Keystone Sanitation Landfill	1
Ohio River Park	2
Osborne Landfill	1
Strasburg Landfill	3
Walsh Landfill	1
Rhode Island	
Central Landfill	1

Site	Number of remedies selected
Peterson/Puritan, Inc.	1
South Carolina	
Koppers Co., Inc. (Charleston Plant)	1
Tennessee	
Wrigley Charcoal Plant	2
Utah	
Midvale Slag	1
Portland Cement (Kiln Dust 2 & 3)	2
Virginia	
Atlantic Wood Industries, Inc.	1
Greenwood Chemical Co.	2
Rhinehart Tire Fire Dump	2
Saltville Waste Disposal Ponds	2
Washington	
Boomsnub/Airco	1
Commencement Bay, Near Shore/Tide Flats	6
Harbor Island (Lead)	3
Tulalip Landfill	1
Wycoff Co./Eagle Harbor	3
West Virginia	
Fike Chemical, Inc.	3
Wisconsin	
Spickler Landfill	1
Total (112 nonfederal sites)	187

Table IV.2: Federal Sites With at LeastOne Remedy Selected and Only One	Site	Number of remedies selected
Left to Be Selected, as of	Alabama	Number of remedies selected
September 30, 1997		
	Alabama Army Ammunition Plant	
	Anniston Army Depot (SE Industrial Area)	
	Alaska	
	Adak Naval Air Station	
	Fort Wainwright	
	Arizona	
	Luke Air Force Base	
	California	
	Fort Ord	
	Mather Air Force Base	
	Moffett Naval Air Station	
	Tracy Defense Depot	
	Illinois	
	Sangamo Electric Dump/Crab Orchard National Wildlife Refuge (DOI)	
	Savanna Army Depot	
	Massachusetts	
	Materials Technology Laboratory (U.S. Army)	
	Minnesota	
	New Brighton/Arden Hills	
	Missouri	
	Weldon Spring Former Army Ordnance Works	
	New Jersey	
	Naval Air Engineering Center	24
	Utah	
	Monticello Mill Tailings (DOE)	
	Washington	
	Fairchild Air Force Base (4 Waste Areas)	
	Fort Lewis Logistics	
	Center	-

Appendix IV Nonfederal and Federal Sites With at Least One Remedy Selected and Only One Left to Be Selected, as of September 30, 1997

Site	Number of remedies selected
Hanford 300-Area (DOE)	1
Naval Undersea Warfare Station (4 Areas)	1
Puget Sound Naval Shipyard Complex	2
Total (21 federal sites)	77

Steps We Took to Confirm the Planned Remedy Selection Dates Recorded in the CERCLIS Database

The Comprehensive Environmental Response and Liability Information System (CERCLIS), a database of information on National Priorities List (NPL) and other sites, contains the dates by which EPA regions are planning to select remedies at NPL sites. To get the most accurate estimates of the expected progress on remedy selection through fiscal year 1999, we checked many of the planned dates recorded in CERCLIS with officials in the regional offices that are responsible for choosing the remedies. We asked regional officials to confirm or revise the planning dates recorded in CERCLIS to reflect their latest estimates of when remedy selection would be completed.

CERCLIS indicated that remedy selection is expected to be completed at 586 sites in fiscal years 1998 and 1999. We asked EPA's regional officials whether they believed they could meet the planned dates for about 166 planned remedies at 135 of these sites. We selected these sites because although their planning dates were for the near future, fiscal years 1998 and 1999, the sites' remedy selection studies (which must be completed before remedies are chosen and which take an average of about 4 years to complete) (1) had not begun, (2) were started in fiscal year 1997, or (3) had been going on for much longer than 4 years without a decision having been made on remedies.

Officials in EPA's regional offices confirmed or revised 159 of the 166 remedy planning dates in CERCLIS. They said that the remaining seven remedies were combined with other remedies or were for sites that had been transferred to other authorities for cleanup. The officials confirmed that the expected remedy selection date recorded in CERCLIS was accurate for 64 of the 159 planned remedies (40 percent). These officials revised the expected completion date for 95 remedies (60 percent). Most of the revisions moved the remedy completion date less than 1 year beyond the date shown in CERCLIS.

Regional officials were generally confident that they could select remedies at the sites we surveyed by the dates given in CERCLIS or the revised dates. Of the 159 planned completion dates, regions reported that 11 had already been reached and another 128 would probably or definitely be met. They were uncertain or doubtful about the remaining 20 dates. The most common reasons given by regional officials for their confidence were that the site study was almost completed, the potentially responsible party was cooperating on the study, prior site action reduced the study's scope, or remedy selection was routine.

	Number of Remedies to be selected					
	selected as of				Total remedies	Final NPI
Site	9/30/97	1998	1999	2000 & beyond	planned	listing date
California						
San Fernando Valley (Area 3)	0			1	1	06/10/86
San Fernando Valley (Area 4)	0			1	1	06/10/86
San Gabriel Valley (Area 3)	0			1	1	05/08/84
Sulphur Bank Mercury Mine	0			3	3	08/30/90
Colorado						
Summitville Mine	3	1		1	2	05/31/94
Connecticut						
Durham Meadows	0			1	1	10/04/89
Nutmeg Valley Road	0			1	1	03/31/89
Old Southington Landfill	1			1	1	09/21/84
Precision Plating Corp.	0			1	1	10/04/89
Delaware						
Standard Chlorine of Delaware, Inc.	1			1	1	07/22/87
Florida						
Petroleum Products Corp.	1			1	1	07/22/87
Georgia						
Woolfolk Chemical Works, Inc.	2	1		1	2	08/30/90
Illinois						
Kerr-McGee (Kress Creek/West Branch of DuPage)	0			1	1	02/11/91
Kerr-McGee (Reed-Keppler Park)	0			1	1	08/30/90
Kerr-McGee (Residential Areas)	0			1	1	08/30/90
Kerr-McGee (Sewage Treatment Plant)	0			1	1	08/30/90
Indiana						
Neal's Dump (Spencer)	0			1	1	06/10/86
Neal's Landfill (Bloomington)	0			1	1	09/08/83
Kansas						
Cherokee County	4			1	1	09/08/83

	Number of Remedies to be selected					
Site	selected as of 9/30/97	1998	1999	2000 & beyond	Total remedies planned	Final NPL listing date
Maine					p	
West Site/Hows Corners	0			1	1	09/29/95
Maryland						
Central Chemical (Hagerstown)	0		1		1	09/25/97
Massachusetts						
Blackburn & Union Privileges	0			1	1	05/31/94
Haverhill Municipal Landfill	0			1	1	06/10/86
Industri-Plex	1			1	1	09/08/83
New Bedford Site	1	1		1	2	09/08/83
Shpack Landfill	0			1	1	06/10/86
Wells G & H	1			2	2	09/08/83
Missouri						
Big River Mine Tailings/St. Joe Minerals	0		1	1	2	10/14/92
Missouri Electric Works	1			1	1	02/21/90
Nebraska						
Hastings Groundwater Contamination	9		3	3	6	06/10/86
Nevada						
Carson River Mercury Site	1			1	1	08/30/90
New Hampshire						
Fletcher's Paint Works & Storage	0	1		1	2	03/31/89
New Jersey						
American Cyanamid Co.	3	1		2	3	09/08/83
Brick Township Landfill	0			1	1	09/08/83
Bridgeport Rental & Oil Services	1			1	1	09/08/83
Cinnaminson Groundwater Contamination	1			1	1	06/10/86
CPS/Madison Industries	0		2	1	3	09/08/83
Diamond Alkali Co.	1			1	1	09/21/84
Horseshoe Road	0			1	1	09/29/95
Landfill & Development Co.	0			1	1	09/21/84
Pohatcong Valley Groundwater Contamination	0			1	1	03/31/89

GAO/RCED-98-241 Status of Sites

	Number of remedies	1	Remedies to	be selected		
Site	selected as of 9/30/97	1998	1999	2000 & beyond	Total remedies planned	Final NPL listing date
Universal Oil Products (Chemical Division)	1			1	1	09/08/83
New York						
Hudson River PCBs	1			1	1	09/21/84
Onondaga Lake	0	3	1	2	6	12/16/94
Volney Municipal Landfill	1			1	1	06/10/86
Pennsylvania						
Centre County Kepone	1			1	1	09/08/83
Havertown PCP	2			1	1	09/08/83
North Penn - Area 7	0			1	1	03/31/89
Strasburg Landfill	3			1	1	03/31/89
Rhode Island						
Peterson/Puritan, Inc.	1			1	1	09/08/83
West Kingston Town Dump/Uri Disposal	0			1	1	10/14/92
Virginia						
Avtex Fibers, Inc.	2		3	1	4	06/10/86
Washington						
Commencement Bay, Near Shore/Tide Flats	6				1	09/08/83
Mica Landfill	0			1	1	06/10/86
Moses Lake Wellfield Contamination	0			1	1	10/14/92
Oeser Co.	0			1	1	09/25/97
Vancouver Water Station 4 Contamination	0			1	1	10/14/92
West Virginia						
Fike Chemical, Inc.	3			1	1	09/08/83
Sharon Steel Corp. (Fairmont Coke Works)	0			1	1	12/23/96
Wisconsin						
Waste Management of Wisconsin-Brookfield	0			1	1	08/30/90
Total (60 nonfederal sites)	53	8	10	67	85	

Table VI.2: Federal Sites for Which Final Remedies Will Be Selected After Fiscal Year 1999

	Number of Remedies to be selected					
Site	remedies selected as of 9/30/97	1998	1999	2000 & beyond	Number of planned remedies	Final NPL listing date
Alabama						
Anniston Army Depot (SE Industrial Area)	1			1	1	03/13/89
Arizona						
Williams Air Force Base	3	2		1	3	11/21/89
California						
Concord Naval Weapons Station	0		3	1	4	12/16/94
Edwards Air Force Base	0	1	3	7	11	08/30/90
El Toro Marine Corps Air Station	2	2	2	1	5	02/21/90
Jet Propulsion Laboratory (NASA)	0		1	2	3	10/14/92
Lawrence Livermore Laboratory (Site 300)	2		1	2	3	08/30/90
McClellan Air Force Base (Groundwater Contamination)	2			2	2	07/22/87
Norton Air Force Base	1			3	3	07/22/87
Travis Air Force Base	0	1	2	1	4	11/21/89
Connecticut						
New London Submarine Base	2	2	1	4	7	08/30/90
Florida						
Jacksonville Naval Air Station	3	3		1	4	11/21/89
Tyndall Air Force Base	0		1	6	7	04/01/97
Guam						
Andersen Air Force Base	0	1		5	6	10/14/92
Hawaii						
Naval Computer & Telecommunications Area Master Station Eastern Pacific	0			1	1	05/31/94
Pearl Harbor Naval Complex	0		8	4	12	10/14/92
Idaho	0		0	4	12	10/14/92
Idaho National Engineering Laboratory (DOE)	15	3	4	4	11	11/21/89

	Number of Remedies to be selected					
Site	remedies selected as of 9/30/97	1998	1999	2000 & beyond	Number of planned remedies	Final NPL listing date
Illinois						
Savanna Army Depot	1		1		1	03/31/89
Kansas						
Fort Riley	2	1	1	1	3	08/30/90
Kentucky						
Paducah Gas Diffusion Plant (DOE)	5	3	7	1	11	05/31/94
Maine						
Loring Air Force Base	9	1	2	1	4	02/21/90
Portsmouth Naval Shipyard	0		1	3	4	05/31/94
Maryland						
Aberdeen Proving Ground (Edgewood Area)	9	1	1	1	3	02/21/90
Aberdeen Proving Ground (Michaelsville Landfill)	3			2	2	10/04/89
Indian Head Naval Surface Warfare Center	0		1	4	5	09/29/95
Massachusetts						
Materials Technology Laboratory (U.S. Army)	2	1			1	05/31/94
Missouri						
Lake City Army Ammunition Plant (NW Lagoon)	0	1	2	1	4	07/22/87
New Jersey						
Fort Dix (Landfill Site)	1		2	1	3	07/22/87
Picatinny Arsenal	1	2		1	3	02/21/90
W.R. Grace/Wayne Interim Storage (DOE)	0			1	1	09/21/84
New York						
Plattsburgh Air Force Base	8	3	2	2	7	11/21/89
Seneca Army Depot	0	2	3	6	11	08/30/90
North Carolina						
Cherry Point Marine Corps Air Station	1	2		1	3	12/16/94
Ohio						
Mound Plant (DOE)	1			5	5	11/21/89
Pennsylvania						
Letterkenny Army Depot (PDO Area)	1		2	1	3	03/13/89
						(continued)

	Number of	F	Remedies to	be selected		
Site	remedies selected as of 9/30/97	1998	1999	2000 & beyond	Number of planned remedies	Final NPL listing date
Letterkenny Army Depot						J
(SE Area)	1		3	3	6	07/22/87
Tobyhanna Army Depot	3	2	2	1	5	08/30/90
Rhode Island						
Newport Naval Education/Training Center	2		1	4	5	11/21/89
South Carolina						
Parris Island Marine Corps Recruit Depot	0			4	4	12/16/94
Savannah River Site (DOE)	24	10	10	15	35	11/21/89
Tennessee						
Defense Depot Memphis (U.S. Army)	1		3	1	4	10/14/92
Milan Army Ammunition Plant	8	4	8	2	14	07/22/87
Oak Ridge Reservation (DOE)	19	3	9	8	20	11/21/89
Virginia						
Fort Eustis (U.S. Army)	0	1	1	1	3	12/16/94
Langley Air Force Base/NASA Langley Center	0	3	3	13	19	05/31/94
Marine Corps Combat Development Command	1	2	2	2	6	05/31/94
Naval Surface Warfare - Dahlgren	2	5	2	3	10	10/14/92
Washington						
Fort Lewis Logistics Center	2			1	1	11/21/89
Hanford 200-Area (DOE)	3		1	2	3	10/04/89
Hanford 300-Area (DOE)	1			1	1	10/04/89
West Virginia						
Allegany Ballistics Laboratory (U.S. Navy)	2	2	1	1	4	05/31/94
Wyoming						
F.E. Warren Air Force Base	7	1	1	2	4	02/21/90
Total (52 federal sites)	151	65	96	144	305	

Sites Expected to Be Ready for Cleanup Action in Fiscal Year 1998 but Not Approved for Funding as of June 5, 1998

Table VII.1 shows sites that are expected to be ready for new cleanup actions requiring Superfund outlays in fiscal year 1998 and that had not been approved for funding as of June 5, 1998. The table is based on a list prepared by EPA headquarters and on discussions we had with representatives from the National Prioritization Panel from six EPA regions representing almost 90 percent of the sites on the headquarters' list.¹⁰

Table VII.1: Sites Expected to Be Ready for Cleanup Action in Fiscal Year 1998 but Not Approved for Funding as of June 5, 1998

State	Site name
Massachusetts	GE/Housatonic ^{a, b}
New Hampshire	Ottati & Goss/Kingston Steel Drum
New Jersey	Cosden Chemical Coatings Corp.
	Glenn Ridge Radium Site
	Higgins Disposal
	Imperial Oil Co., Inc./Champion Chemicals
	Montclair/West Orange Radium Site
	Nascolite Corp.
	Roebling Steel Co.
New York	Genzale Plating Co.
	Olean Well Field
Pennsylvania	Butz Landfill
	North Penn - Area 6
Alabama	American Brass ^a
Florida	Coleman-Evans Wood Preserving Co.
Tennessee	American Creosote Works (Jackson Plant)
Illinois	Parson's Casket Hardware Co.
	Sauget Site Q ^{a, b}
Indiana	Continental Steel Corp.
Michigan	Johnson Iron Industries ^a
	Parsons Chemical Works, Inc.
	Petoskey Municipal Well Field
	Torch Lake
	Wash King Laundry
Minnesota	MacGillis & Gibbs Co./Bell Lumber & Pole Co.
	(continued
	Massachusetts New Hampshire New Jersey New York Pennsylvania Alabama Florida Tennessee Illinois Indiana Michigan

¹⁰On the basis of these discussions, we adjusted the headquarters' list. For example, we deleted sites from the list whose cleanups regional office panel members believed were likely to be funded by responsible parties or whose cleanup schedule had slipped to fiscal year 1999 or later.

Appendix VII Sites Expected to Be Ready for Cleanup Action in Fiscal Year 1998 but Not Approved for Funding as of June 5, 1998

EPA region	State	Site name
		Ritari Post & Pole
	Ohio	Lamarrs Barrel Factory ^a
	Wisconsin	Better Brite Plating Chrome & Zinc Shops
6	Arkansas	Mountain Pine Pressure Treating ^a
	Louisiana	Central Wood Preserving ^a
		Delatte Metals/North Ponchatoula Battery ^a
		Madisonville Creosote Works, Inc.
	Texas	Hastings Radio Chemical ^a
		RSR Corp.
7	lowa	Mid-America Tanning Co.
	Kansas	Wichita Heights ^a
	Missouri	Bee Cee Manufacturing Co.
9	California	Modesto Groundwater Contamination

^aRemoval action at a non-NPL site.

 $^{\rm b}{\rm Proposed}$ for the NPL.

Appendix VIII Major Contributors to This Report

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