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United States General Accounting Office  
Washington, DC 20548

Resources, Community, and  
Economic Development Division

B-283967

October 27, 1999

The Honorable Thomas J. Bliley, Jr.  
Chairman, Committee on Commerce  
House of Representatives



Subject: Environmental Protection: EPA's Use of Funds for Brownfields

Dear Mr. Chairman:

Federal, state, and local governments have focused much attention on the cleanup and economic redevelopment of abandoned and idled urban properties that have real or perceived contamination, known as brownfields. Partly because of the potential high costs to clean contaminated sites in accordance with federal and state environmental laws, businesses have often chosen to locate elsewhere, thus leaving the sites underutilized. Consequently, cities can lose tax revenues and employment opportunities. The Congress has been very interested in supporting initiatives to promote the cleanup and redevelopment of brownfields and has considered several legislative proposals to address this goal. In the meantime, the Environmental Protection Agency (EPA) has implemented several brownfield-related initiatives and has been setting aside portions of its budget to fund them.

In March 1998, we reported to you that EPA primarily was using or planned to use funds for fiscal years 1997 and 1998 to help state, local, and tribal governments build their capability to assess, clean up, and revitalize brownfields.<sup>1</sup> We also reported that, to accomplish this, EPA was obligating its funding for brownfields through several major program activities, or categories. For example, EPA used a portion of its funds through a category entitled assessment pilot projects, which are grants it awards to state, local, and tribal governments to identify, characterize, and plan cleanup activities at contaminated sites targeted for redevelopment. Subsequently, you asked us to update our information on EPA's brownfields activities. Specifically, for each program category, you asked us to identify the amount of funds that EPA actually obligated in fiscal years 1997-99, the amount it plans to obligate in fiscal 2000, and the number of grants and agreements that EPA awarded or plans to award with these funds, along with the recipients of these awards.<sup>2</sup>

In summary, EPA obligated \$37.2 million in fiscal year 1997, \$88.2 million in fiscal 1998, and \$91.1 million in fiscal 1999 for brownfield assessments and cleanup activities; the agency plans to obligate \$91.2 million in fiscal 2000. EPA is conducting these activities primarily through more than 800 grants,

<sup>1</sup>Superfund: EPA's Use of Funds for Brownfield Revitalization (GAO/RCED-98-87, Mar. 19, 1998).

<sup>2</sup>Throughout this report, we refer to grants and cooperative agreements as grants and agreements or awards. Both provide organizations with funding to undertake certain activities. EPA uses grants when it does not expect to be substantially involved in the activities and cooperative agreements when it does expect to be involved.

agreements, and contracts with states, tribes, local governments, and private entities, such as universities and research organizations. Table 1 shows the amounts obligated and the number of awards for each of EPA's 11 program categories. Specific recipients of the grants, agreements, and contracts are shown for each category in the tables in this letter and the enclosures.

**Table 1: EPA's Use of Brownfield Funds, Fiscal Years 1997-2000**

Dollars in millions

Program category	Fiscal year						Planned funds
	1997		1998		1999*		
	Number of awards	Dollars obligated	Number of awards	Dollars obligated <sup>b</sup>	Number of awards	Dollars obligated <sup>b</sup>	
Assessment pilot projects	45	\$7.7	105	\$27.2	80	\$20.0	\$20.0
Cleanup revolving loan fund	23	8.1	0	0	45	35.0	35.0
State voluntary cleanup programs	44	9.4	41	15.0	42	15.0	10.0
Targeted brownfield assessments	27	2.3	103	11.9	132	3.0	8.0
Job training	3	0.3	11	5.1	10	5.0	5.0
Outreach, technical assistance, and research	11	6.3	20	8.2	20	3.0	3.0
Tribal support	0	0	3	1.8	4	1.3	1.4
Showcase communities	0	0	16	5.9	0	0	0
Showcase finalists	0	0	24	4.8	0	0	0
Policy and reinvention	9	0.6	4	0.8	10	0.8	0.8
EPA personnel	0	2.5	0	7.5	0	8.0	8.0
<b>Total</b>	<b>162</b>	<b>\$37.2</b>	<b>327</b>	<b>\$88.2</b>	<b>343</b>	<b>\$91.1</b>	<b>\$91.2</b>

\*Actual obligations for fiscal year 1999 not yet determined. The amount shown is for planned obligations.

<sup>b</sup>Dollar amounts include actual dollars obligated to communities, regions, states, and tribes for assessment pilot projects; states' voluntary cleanup programs; targeted brownfield assessments; and outreach, technical assistance, and research categories. Amounts also include dollars obligated for contractors to provide technical support.

### **Funds That EPA Obligated on Brownfield Activities, by Program Categories, for Fiscal Years 1998-2000**

During fiscal years 1997 through 1999, EPA obligated funds for up to 11 major program categories that comprise its brownfield activities. Over those years, EPA made some adjustments in the amount of funds it provided for each category. In general, funds increased for most categories from fiscal year 1997 to fiscal 1998 but decreased in fiscal 1999. This is primarily because in fiscal year 1998, EPA planned to obligate \$35 million of its total brownfield funds to help states, tribes, and localities establish revolving loan programs to pay for brownfield cleanups. However, the Congress prohibited EPA from using funds appropriated in fiscal year 1998 for this activity. As a result, EPA allocated the \$35 million

across the remaining seven program categories and funded three new ones—tribal support, showcase communities, and showcase finalists. The last two categories provided pilot communities with federal funds to develop models that communities could adopt to clean up and revitalize brownfields. The Congress did not prohibit EPA from using funds appropriated in fiscal year 1999 for revolving loans. Therefore, in order to provide a budget for this activity, EPA decreased funds in several categories and did not provide funds for the two new categories. The following provides information on the funding for each of EPA's 11 brownfield program categories.

### Assessment Pilot Projects

Since September 1993, EPA has been funding assessment pilot projects through cooperative agreements with state, local, and tribal governments, which use the funds to assess, identify, characterize, and plan cleanup activities at contaminated brownfields targeted for redevelopment. In general, an individual recipient can get a one-time award of up to \$200,000. Most of the cooperative agreements were for this amount, although a few were for smaller amounts. We reported previously that EPA had used \$21 million to fund 121 projects in 41 states through fiscal year 1997. Since then, EPA has used an additional \$36.8 million to fund 185 projects in 43 states, the District of Columbia, and Puerto Rico, through fiscal year 1999. (See enc. I for a listing of projects for fiscal years 1998 and 1999.) EPA used the remaining \$10.4 million budgeted for these projects on contractor support.

In fiscal year 2000, EPA plans to fund approximately 50 additional projects. According to EPA, it will also begin a new program whereby any project funded prior to September 30, 1998 (a total of 226 projects) can apply for up to \$150,000 in supplemental funding to continue assessments.

### Cleanup Revolving Loan Fund

In fiscal year 1997, EPA obligated \$8.1 million to 23 state, local, and tribal governments to help them create revolving loan funds that would provide public and private entities with low-interest loans to clean up brownfields. The Congress directed EPA not to use funds appropriated in fiscal year 1998 on this activity but did not maintain this prohibition in fiscal 1999. Therefore, EPA allocated \$35 million to 45 additional recipients in that year and plans to allocate \$35 million to 60 more recipients in fiscal year 2000. As of October 1999, only one recipient, Stamford, Connecticut, had made a loan of \$250,000 to help clean up waterfront property along the harbor. Therefore, of the total of \$43.1 million that has been allocated since fiscal year 1997, \$42.8 million remains with the cooperative agreement recipients to cover administrative costs and future loans. According to EPA, loans have not been made because (1) turnovers in key state and local personnel have caused delays, (2) the program is relatively new, and (3) the recipients have not established the financial management system for the loans in compliance with EPA's funding regulations.

### States' Voluntary Cleanup Programs

In fiscal year 1997, EPA allocated \$9.4 million to 42 state and tribal governments to enhance and develop voluntary cleanup programs that states often use to address brownfields. States use the funds for such activities as (1) completing regulations for voluntary cleanup programs, (2) purchasing equipment to support program administration, (3) paying the salaries of agency staff to develop program procedures, (4) helping states and tribes to build their own capacity to oversee cleanups, and (5) promoting greater community involvement. In fiscal year 1998, EPA increased the amount of funds for this activity to \$15 million but plans to return to a budget of \$10 million for fiscal 2000. EPA awarded a total of \$22.2 million in fiscal years 1998-99 as grants to 41 states, the District of Columbia, Puerto Rico, and 3 tribal governments; individual awards ranged from \$10,000 to \$815,000 and had a median value of \$200,000. (See enc. II for a list of recipients and award amounts for fiscal years 1998 and 1999.)

Targeted Brownfields Assessments

EPA uses these funds to enter into cooperative agreements whereby states can hire contractors to identify the extent of contamination at brownfields when this option is faster and cheaper than using EPA's own contractors. EPA regions reported that they used \$2.3 million in fiscal year 1997. EPA increased this amount five-fold to \$11.9 million in fiscal year 1998, returned to a \$3 million budget for fiscal 1999, and plans to increase funds to \$8 million in fiscal 2000. EPA funded 27 assessments in fiscal year 1997, 103 in fiscal 1998, and 132 in fiscal 1999. Individual agreements ranged from \$1,500 to \$155,000, and had a median value of \$30,028. (See enc. III for a listing of recipients for fiscal years 1998 and 1999 and award amounts.)

Job Training

EPA enters into environmental job training grants and agreements with educational institutions and professional organizations for (1) environmental curriculum development that incorporates brownfields, (2) community outreach and the dissemination of information on brownfields, and (3) job training in the cleanup of hazardous waste and employment assistance at cleanup sites. During fiscal years 1993 through 1997, EPA obligated a small amount to award five job-training grants. In fiscal years 1998-99, EPA allocated \$4.1 million to award 21 job training and development demonstration pilots, as shown in table 2.

**Table 2: Job Training Awards, Fiscal Years 1998-99**

Award recipient name and location	Award amount
Fiscal year 1998	
City of Richmond, Calif.	\$200,000
Oakland Private Industry Council, Oakland, Calif.	200,000
Career Options, Inc., Clearwater, Fla.	141,364
Miami-Dade Community College, Miami, Fla.	200,000
City of New Bedford, Mass.	200,000
Jobs for Youth, Lynn and Somerville, Mass.	199,704
Metropolitan Community Colleges, Kansas City, Mont.	200,000
New Jersey Youth Corps, Camden and Newark, N.J.	200,000
Impact Services, Inc., Philadelphia, Pa.	200,000
A & M Engineering Extension Service, Dallas, Tex.	200,000
Milwaukee Service Corps, Milwaukee, Wis.	200,000
Fiscal year 1999	
Youth Community Developers, San Francisco, Calif.	179,715
City of Stamford, Conn.	200,000
Strive-Boston Employment Services Inc., Chelsea, Mass.	200,000
Hennepin County, Minn.	200,000
Mineral Area College, Bonne Terre, Mont.	200,000
Beralillo County, N.M.	200,000
Bucks County Community College, Pa.	200,000
Universidad Metropolitana, P.R.	200,000
Houston Community College System, Houston, Tex.	200,000
King County/City of Seattle, Wash.	147,500
<b>Total</b>	<b>\$4,068,283</b>

Job-training awards ranged from \$141,364 to \$200,000 and had a median value of \$200,000. The remaining \$6 million in fiscal years 1998-99 was provided to the National Institute of Environmental Health Services to support minority worker training for brownfield sites. EPA plans to make 10 additional awards for job training in fiscal year 2000.

Outreach, Technical Assistance, and Research

EPA funds outreach to constituents affected by brownfields; technical assistance to state, local, and tribal governments on the redevelopment of brownfields; and brownfield-related research. Typically, the agency awards grants and agreements to educational, governmental, research, and community organizations to, among other things, disseminate information and conduct research on issues related to the redevelopment of brownfields and potential health risks from contaminants. During fiscal year 1997, EPA obligated \$6.3 million for these activities but reduced the budgets for fiscal years 1999 and 2000 by half, to \$3 million a year. EPA funded 11 such grants and agreements in fiscal year 1997 and a total of 40 in fiscal 1998 and 1999.

**Table 3: EPA Awards for Outreach, Technical Assistance, and Research, Fiscal Years 1998-99**

Award recipient	Fiscal year 1998	Fiscal year 1999
International City and County Management Association	\$1,054,943	\$944,169
Hazardous Substance Research Center	700,000	575,000
Institute for Responsible Management	533,684	360,900
U.S. Conference of Mayors	330,000	300,000
Northeast/Midwest Institute	257,547	229,294
Council for Urban Economic Development	153,023	117,966
Hazardous Materials Training Research Institute	149,765	149,765
Northern Kentucky University	135,380	0
Center for Public Environmental Oversight	112,000	125,500
Resources for the Future	103,458	0
Center for Land Renewal	100,000	192,000
National Council of Negro Women	75,000	0
National Governors Association	75,000	74,831
National Association of Development Organizations	56,075	47,790
Environmental Law Institute	50,000	0
National Association of Local Government Environmental Professionals	50,000	100,000
National Conference of Black Mayors	50,000	25,000
Center for Clean Air Policy	40,000	40,000
Waterfront Regeneration Trust	18,750	25,000
Commonwealth of Northern Mariana Islands Department of Environmental Quality	13,000	0
Engineering Society of Western Pennsylvania	0	673,660
Development Training Institute	0	100,000
Environmental Alliance for Senior Involvement	0	50,000
National Endowment for the Arts	0	35,000
International Association for Public Participation	0	10,000
<b>Total</b>	<b>\$4,057,625</b>	<b>\$4,175,875</b>

In fiscal years 1998-99, grants and agreements in this category ranged from \$10,000 to \$1.05 million and had a median value of \$100,000. EPA's brownfield managers stated that they plan to continue to incrementally fund existing cooperative agreements while, at the same time, funding new, innovative agreements in fiscal year 2000.

Tribal Support

Tribal support includes technical and financial support to tribal organizations to conduct research on tribes, their existing services, problems, and needs as they relate to the human effects associated with brownfields. EPA awarded a total of \$2.8 million in fiscal years 1998-99 as grants and agreements to

four tribal organizations; awards ranged from \$100,000 to \$1 million and had a median value of \$266,931. See table 4 for a listing of projects for fiscal years 1998 and 1999.

**Table 4: EPA Awards for Tribal Support, Fiscal Years 1998-99**

<b>Award recipient</b>	<b>Fiscal year 1998</b>	<b>Fiscal year 1999</b>
Tribal Association on Solid Waste and Emergency Response	\$1,000,000	\$385,000
National Tribal Environmental Council	497,525	260,975
Americans for Indian Opportunity	258,432	266,931
Alaska Native Health Board	0	100,000
<b>Total</b>	<b>\$1,755,957</b>	<b>\$1,012,906</b>

### Showcase Communities

The showcase communities project includes 16 communities selected competitively to develop national models for collaborative efforts to assess, clean up, and reuse brownfields. In fiscal year 1998, EPA provided \$400,000 to support each showcase community, including \$200,000 earmarked to pay for a temporary federal staff person to work with each community under the Intergovernmental Personnel Act, for a total of \$6.4 million. Some communities had already received \$200,000 in assessment pilot project grants. The 16 showcase communities that received the financial support in fiscal year 1998 are shown in table 5.

**Table 5: Showcase Communities Awarded Funds in Fiscal Year 1998**

<b>Name of showcase community</b>
East Palo Alto, Calif.
Los Angeles, Calif.
Stamford, Conn.
Southeast Florida
Chicago, Ill.
Kansas City, Kans./Mo.
Lowell, Mass.
Baltimore, Md.
St. Paul, Minn.
Trenton, N.J.
Glen Cove, N.Y.
Portland, Oreg.
State of Rhode Island
Dallas, Tex.
Salt Lake City, Utah.
Seattle-King County, Wash.

### Showcase Finalists

Twenty-four applicants that were finalists but were not selected to be showcase communities also received financial support from EPA in fiscal year 1998. These finalists received \$200,000 each as either a supplement to an existing assessment pilot project or as a new assessment pilot award, for a total of \$4.8 million. The 24 showcase finalists that received the financial support in fiscal year 1998 are shown in table 6.

**Table 6: Showcase Finalists Awarded Funds in Fiscal Year 1998**

<b>Name of showcase finalists</b>
Prichard, Ala.
Tuscon, Ariz.
Richmond, Calif.
Oakland, Calif.
Bridgeport, Conn.
Hartford, Conn.
New Britain, Conn.
Wilmington, Del.
Louisville, Ky.
Worcester, Mass.
Malden/Medford/Everett, Mass.
Omaha, Nebr.
Camden, N.J.
Buffalo, N.Y.
Utica, N.Y.
Toledo, Ohio
Philadelphia, Pa.
Pittsburgh, Pa.
Sioux Falls, S.D.
Houston, Tex.
Brownsville, Tex.
Cape Charles, Va.
Burlington, Vt.
Kenosha, Wis.

**Policy and Reinvention**

EPA's Office of Policy and Reinvention (previously the Office of Policy, Planning, and Evaluation) awards agreements and contracts to research and community organizations to provide them with analytical tools and products for urban development and brownfield activities. For example, EPA awarded a \$292,000 contract in fiscal year 1998 for brownfield redevelopment, including identifying barriers to development. EPA awarded 14 contracts totaling \$869,362 in fiscal years 1998-99, as shown in table 7. The remaining \$700,000 in fiscal years 1998-99 was used for contractor support. As of October 1999, funding for fiscal year 2000 has not been determined.

**Table 7: Policy and Reinvention Agreements and Contracts, Fiscal Years 1998-99**

<b>Award recipient</b>	<b>Award amount</b>
<b>Fiscal year 1998</b>	
Industrial Economics	\$292,000
Industrial Economics	1,400
Industrial Economics	33,947
<b>Fiscal year 1999</b>	
Industrial Economics	190,000
Environomics	25,000
Industrial Economics	25,000
Industrial Economics	11,000
Industrial Economics	100,000
Industrial Economics	14,000
Industrial Economics	5,200
Stratus Consulting, Inc., Environmental and Energy Research	25,000
Industrial Economics	53,000
Industrial Economics	8,815
Industrial Economics	85,000
<b>Total</b>	<b>\$869,362</b>

EPA Personnel

In fiscal year 1997, EPA assigned approximately 33 employees in headquarters and field offices to manage brownfield activities at a cost of \$2.5 million. The next year, the agency increased its staff to 58 employees and tripled the amount of funds to \$7.5 million. The brownfield managers explained that EPA needed more staff to manage the increasing number of grants, cooperative agreements, and pilot projects to state, local, and tribal governments. In fiscal year 1999, EPA increased the number of employees to 68, at a cost of \$8 million. EPA plans to maintain 68 employees at a planned cost of \$8 million in fiscal year 2000.

Agency Comments

We provided EPA with copies of a draft of this report for review and comment. EPA's assistant administrator generally agreed that the report provided a good characterization of the funds obligated for brownfields in fiscal years 1997-99, and planned obligations for fiscal 2000. EPA suggested several technical changes to the report that we made as appropriate.

Scope and Methodology

We performed our work at EPA's headquarters in Washington, D.C. To determine the activities that EPA supported with its brownfield allocation, we contacted EPA's Outreach and Special Projects Staff—the office with jurisdiction for brownfield activities within the Office of Solid Waste and Emergency Response. We reviewed listings of the grants and agreements that EPA awarded during fiscal years 1998 and 1999. We determined the total number and dollar value of grants and agreements for each of EPA's brownfield program categories. We did not independently verify the data provided by EPA. We performed our work from September through October 1999 in accordance with generally acceptable government auditing standards.

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As arranged with your office, unless you publicly announce its contents earlier, we plan no further distribution of this report until 14 days from the date of this letter. At that time, we will send copies of



this report to Senator Max Baucus, Senator Christopher S. Bond, Senator Frank R. Lautenberg, Senator Barbara A. Mikulski, and Senator Robert C. Smith, and to Representative Sherwood Boehlert, Representative Robert Borski, Representative John D. Dingell, Representative Alan B. Mollohan, Representative James L. Oberstar, Representative Michael G. Oxley, Representative Bud Shuster, Representative Edolphus Towns, and Representative James T. Walsh in their capacities as Chair or Ranking Minority Member of Senate and House Committees and Subcommittees. We will also send copies of this report to the Honorable Carol Browner, Administrator of EPA. Copies will be made available to others on request. If you have any questions regarding this letter, please contact me at (202) 512-6111. Key contributors to this report were Eileen R. Larence and Everett O. Pace.

Sincerely yours,

A handwritten signature in cursive script that reads "David G. Wood".

David G. Wood  
Associate Director, Environmental  
Protection Issues

Enclosure I

**Brownfield Assessment Pilot Projects Funded in Fiscal Years 1998-99**

<b>Award recipient</b>
<b>Fiscal year 1998</b>
<b>EPA Region I</b>
Norwich & Griswold, Conn.
New Britain, Conn.
Stamford, Conn.
Middletown, Conn.
State of Massachusetts Department of Environment Protection
Colrain, Mass. <sup>a</sup>
Pioneer Valley, Mass..
Methuen, Mass.
Springfield, Mass.
Chelsea, Mass.
Malden, Medford, Everett, Mass.
Mansfield, Mass.
Brockton, Mass.
Montachusett Regional Planning Commission, Mass.
Lewiston, Maine
State of N.H.
State of New Hampshire Coastal Piscataqua River Watershed
State of Rhode Island Economic Development Corporation
<b>EPA Region II</b>
Niagara County, N.Y.
Yonkers, N.Y.
Ogdensburg, N.Y.
Utica, N.Y.
Ulster County, N.Y.
Paterson, N.J.
Hudson County, N.J.
Atlantic City, N.J.
Long Branch, N.J.
Morris County, N.J.
Middlesex County, N.J.
Puerto Rico Ports Authority, P.R.
<b>EPA Region III</b>
Washington, D.C.
Hagerstown, Md.
Johnstown, Pa.
Northampton County, Pa.
Ford City, Pa.
Reading, Pa.
Shenandoah, Va.
Wheeling, W.Va.
<b>EPA Region IV</b>
Uniontown, Ala.
Escambia County, Fla.
Southeast Fla.
East Point, Ga.
Jackson, Miss.
Oktibbeha County, Miss.
Columbia, Miss.
Winston Salem, N.C.
Burlington, N.C.
Charleston, S.C.
Columbia, S.C.

Enclosure II

<b>EPA Region V</b>
Calumet City, Ill.
East Moline, Ill.
Waukegan, Ill.
Canton, Ill.
Fort Wayne, Ind.
Wayne County, MI.
St. Joseph/Benton Harbor/Benton Charter Township, Mich.
Ypsilanti, Mich.
Saginaw, Mich.
Flint, Mich.
Hennepin County, Minn.
Dayton, Ohio
Cleveland, Ohio
Youngstown/Campbell/Struthers, Ohio
Columbus, Ohio
Hamilton, Ohio
Toledo, Ohio
Springfield, Ohio
Southern Ohio Port Authority, Ohio
Milwaukee, Wis.
Glendale, Wis.
Kenosha, Wis.
<b>EPA Region VI</b>
Gretna, La.
Sante Fe, N.M.
Bernalillio County, N.M.
State of New Mexico Environment Department
Oklahoma City, Okla.
Comanche Nation, Okla.
Grand Prairie, Tex.
Austin, Tex.
Galveston, Tex.
Brownsville, Tex.
Rio Grande Council of Governments, Tex. & N.M.
<b>EPA Region VII</b>
Clinton, Iowa
Coralville, Iowa
Cedar Rapids, Iowa
Omaha, Nebr.
<b>EPA Region VIII</b>
Lakewood, Co.
Missoula, Mont.
Turtle Mountain Band of Chippewa, N.D.
Evanston, Wyo.
Kemmerer, Wyo. <sup>a</sup>
<b>EPA Region IX</b>
Tohono O'odham Nation, Ariz.
Colton, Calif.
State of California Trade and Commerce Agency
Long Beach, Calif.
Alameda County, Calif.
West Hollywood, Calif.
Montebello, Calif.
Hoopa Valley Tribe, Calif.
Los Angeles, Calif.
Las Vegas, Nev.
Ely Shoshone Tribe, Nev.
<b>EPA Region X</b>

Enclosure I

Tri-County Metropolitan Transportation District, Oreg.
Everett, Wash.
Port of Seattle, Wash.
<b>Fiscal year 1999</b>
<b>EPA Region I</b>
Haddam, Conn. <sup>a</sup>
New Milford, Conn.
Winsted, Conn.
Worcester, Mass. <sup>a</sup>
Great Barrington, Mass.
Walpole, Mass.
Marlborough, Mass.
Salem, Mass.
Taunton, Mass.
Nashua, N.H.
Southern Windsor County Regional Planning Commission, Vt.
<b>EPA Region II</b>
Albany, N.Y.
Johnstown, N.Y.
Watertown, N.Y.
Schenectady, N.Y.
Seneca Nation, N.Y.
Hackensack Meadowlands District, N. J.
Orange Township, N.J.
Phillipsburg, N.J.
<b>EPA Region III</b>
Borough of Central City, Pa.
Delaware County, Pa.
Luzerne/Lackawanna Counties, Pa.
Mifflin County, Pa.
Montgomery County, Pa.
Neville Township, Pa.
Duquesne, Pa.
Newport News, Va.
<b>EPA Region IV</b>
Fort Myers, Fla. <sup>a</sup>
Tampa, Fla.
Fort Lauderdale, Fla.
Ocala, Fla.
Hillsborough County, Fla.
Sarasota, Fla.
Augusta, Ga.
Fort Valley, Ga.
Macon, Ga.
Covington, Ky.
Raleigh, N.C.
Wilmington, N.C.
Anderson, S.C.
Chattanooga, Tenn.
<b>EPA Region V</b>
Rockford, Ill.
Lacon, Ill.
Hammond, Ind.
South Bend, Ind.
Antrim County, Mich.
Jackson County, Mich.
Muskegon Heights, Mich.
Minneapolis, Minn.
Roseville, Minn.

## Enclosure II

Twin Cities Metropolitan Council, Minn.
Virginia, Minn.
Barberton, Ohio
Warren, Ohio
Lockland, Ohio
Girard, Ohio
West Allis, Wis.
<b>EPA Region VI</b>
Southeastern Louisiana Regional Planning Commission, La.
Albuquerque, N.M.
Pueblo of Acoma, N.M.
Association of South Central Oklahoma Governments, Okla.
San Antonio, Tex.
Tarrant County, Tex.
Fort Worth, Tex.
<b>EPA Region VII</b>
Sioux City, Iowa
Wichita, Kans.
Springfield, Mo.
<b>EPA Region VIII</b>
Aurora, Colo.
Westminster, Colo.
Spirit Lake Nation, N.D.
Naco Fire District, Ariz.
White Mountain Apache Tribe, Ariz.
Anaheim, Calif.
Carson, Calif.
Lynwood, Calif.
Ventura, Calif.
<b>EPA Region X</b>
Coos Bay, Oreg.
Renton, Wash.
Aberdeen, Wash.
Bellingham, Wash.

Note: All recipients received \$200,000, unless otherwise noted.

\*Colrain, Mass., received \$195,862; Kemmerer, Wyo., received \$105,000; Haddam, Conn., received \$161,500; Fort Myers, Fla., received \$169,000; and Worcester, Mass., received \$161,500.

## Enclosure II

**EPA's Funding for State Voluntary Cleanup Programs, Fiscal Years 1998-99**

Award recipient	Fiscal year 1998	Fiscal year 1999 *
<b>EPA Region I</b>		
Connecticut	\$200,000	\$250,000
Maine	126,855	85,000
Massachusetts	230,000	350,000
New Hampshire	248,719	225,000
Rhode Island	246,176	125,000
VCP Assessment Region <sup>b</sup>	500,000	0
<b>EPA Region II</b>		
New Jersey	550,000	500,000
New York	500,000	350,000
Puerto Rico	300,000	300,000
VCP Assessment Region II <sup>b</sup>	500,000	300,000
<b>EPA Region III</b>		
Delaware	125,000	0
District of Columbia	0	81,307
Maryland	157,000	550,000
Virginia	815,000	193,700
West Virginia	749,000	662,300
<b>EPA Region IV</b>		
Georgia	218,727	238,189
Mississippi	397,208	196,839
North Carolina	0	177,300
South Carolina	117,480	0
Tennessee	97,038	118,818
VCP Assessment Region IV <sup>b</sup>	250,000	0
<b>EPA Region V</b>		
Illinois	186,323	240,000
Indiana	261,932	400,000
Michigan	203,421	250,000
Minnesota	227,500	325,000
Ohio	227,500	325,000
Wisconsin	194,269	225,000
<b>EPA Region VI</b>		
Arkansas	225,000	200,000
Louisiana	100,000	0
New Mexico	300,000	174,503
Oklahoma	300,000	192,600
Texas	300,000	183,824
Navajo	0	50,000
<b>EPA Region VII</b>		
Kansas	150,000	150,000
Missouri	361,820	206,994
VCP Assessment Region VII <sup>b</sup>	325,000	0
<b>EPA Region VIII</b>		
Colorado	25,000	75,000
Montana	41,400	71,000
South Dakota	20,000	10,000
Utah	135,000	0
Wyoming	0	45,000
VCP Assessment Region VIII <sup>b</sup>	50,000	0
<b>EPA Region IX</b>		
Arizona	250,000	300,000
Navajo	0	22,000

Enclosure II

Award recipient	Fiscal year 1998	Fiscal year 1999
ThnoOdhm	\$80,000	\$0
California	500,000	300,000
Hawaii	150,000	100,000
Nevada	260,000	250,000
<b>EPA Region X</b>		
Alaska	286,700	277,250
Oregon	501,374	135,528
Washington	512,382	489,778
<b>Total</b>	<b>\$12,502,824</b>	<b>\$9,701,930</b>

Note: Table shows EPA regional offices' estimates of voluntary cleanup programs' funding for states and tribes.

\*Actual obligations for fiscal year 1999 have not yet been determined. Amount shown is planned obligations.

<sup>b</sup>Funding to states for brownfield assessment activities. Funds not identified by individual states.

**Targeted Brownfield Assessments, Fiscal Years 1998-99**

Targeted brownfield site assessment name	Award amount
<b>Fiscal year 1998</b>	
<b>EPA Region I</b>	
DOT/Precision Plastics, Portland, Conn.	\$16,000
NAAPCO, Berlin, Conn.	21,000
Penn Central Transportation Company, New London, Conn.	50,000
Burt Company Site, Portland, Maine	15,000
Edwards Manufacturing, Augusta, Maine	15,000
Alden Corrugated, New Bedford, Mass.	42,500
Church Coal, Taunton, Mass.	40,000
Former Tremont Villa, Everett, Mass.	65,000
Craig Supply, Durham, N.H.	75,000
Pontiac Enterprises, Warwick, R.I.	25,500
Rau Fasteners, Providence, R.I.	40,000
T.H. Baylis, Warwick, R.I.	47,000
<b>EPA Region II</b>	
Gundi Brothers (Badger Avenue), Newark, N.J.	35,995
Block 2704 (Badger Avenue), Newark, N.J.	35,995
Block 2691 (Badger Avenue), Newark, N.J.	35,995
Anti Hydro (Badger Avenue) Newark, N.J.	35,995
Block 252-251, Newark, N.J.	35,995
Kramer Trenton Property, Trenton, N.J.	35,995
Former PSE & G Transformer Station, Trenton, N.J.	35,995
Traction Tire Warehouse, Trenton, N.J.	35,995
Lenox China, Trenton, N.J.	35,995
Eastern Insulated Wire Corporation, Trenton, N.J.	35,995
Knox Gelatin Site, Camden, N.J.	138,159
Former Freight Yard Site, Trenton, N.J.	N/A
Bona Fide Redi Mix, Glen Cove, N.Y.	N/A
Windsor Fuel, Glen Cove, N.Y.	N/A
Mill Pond, Glen Cove, N.Y.	N/A
Sheridan Cesspool, Glen Cove, N.Y.	N/A
Vernon Barbadoes Area, Rockaway Queens, New York City, N.Y.	N/A
<b>EPA Region III</b>	
Commerce Street Site, Wilmington, Del.	62,147
Del Chapel Place, Wilmington, Del.	62,147
Delmarva Power and Light Substation/Dupont Christina Labs Site, Wilmington, Del.	52,147
3500 East Biddle Street, Baltimore, Md.	20,070
3700 Potee Street, Baltimore, Md.	20,070
Banjo Lane Site, Centerville, Md.	20,070
Crop Production Services, Chestertown, Md.	20,070
FNT Realty Company, Baltimore, Md.	20,070
Gilbert Tank Farm, Havre de Grace, Md.	60,210
Hampton Business Park, Capital Heights, Md.	20,070
Penn's Beach Marine, Havre de Grace, Md.	20,070
Rsigel Scrap Yard, Havre de Grace, Md.	20,070
Shannon Drive Site, Baltimore, Md.	20,070
Poseidon Pool, Wright Township, Luzerne County, Pa.	27,600
Shapiro Steel, Wilkes-Barre, Luzerne County, Pa.	48,000
Cheriton Canning Facility, Cheriton, Northampton County, Va.	21,000
McCready Lumber, Pulaski, Va.	20,000
<b>EPA Region IV</b>	
12 <sup>th</sup> Street Yard/Police Station, Tampa, Fla.	43,553



Enclosure III

Cuyahoga Wrecking, Opa-Locke, Fla.	\$71,363
Inventory, Jacksonville, Fla.	48,589
Inventory, Ocala, Fla.	49,991
Wryais Pit Cherry Park, Dade County, Fla.	53,717
<b>EPA Region V</b>	
403 West 138 <sup>th</sup> Street, Ill.	27,000
Galve Foundry, Ill.	27,000
Oswald Property, Ill.	27,000
Union Evergreen School, Ill.	27,000
Waukegan Gas Station, Ill.	27,000
Former Bowser Pump Plant, Ind.	27,000
City of Hillsdale Property, Hillsdale, Mich.	27,000
MCI, Incorporation, Mich.	27,000
Melvindale Property, Mich.	27,000
Old Charcoal Iron Property, Mich.	27,000
Old Smokestack Property, Mich.	27,000
L.A. Darling, Mich.	27,000
Ser-Plating Company, Mich.	27,000
Ward Bakery, Mich.	27,000
Rubbish Ranch Dump, Minn.	27,000
Trupar Pump Mfg., Ohio	27,000
Dayton Tire and Rubber Co., Ohio	27,000
Whitter Peninsula, Ohio	27,000
Allis Chalmers Utility Cord, Wis.	27,000
American Quality Fibers, Wis.	27,000
Alpha Cast II, Wis.	27,000
American Toy and Furniture, Wis.	27,000
Cargill Heating and Air Conditioning Company, Wis.	27,000
City Owned Property, Wis.	27,000
Hawthorne Melody, Wis.	27,000
Henry Bros. Jr. Property, Wis.	27,000
Luxco Subsidiary of Northern Engraving Co., Wis.	27,000
<b>EPA Region VI</b>	
Industrial Road, Malvern, Ariz.	60,759
Broadway, New Orleans, La.	30,028
Central City/Saratoga, New Orleans, La.	82,532
Handee Court, New Orleans, La.	74,043
Powers Junction, New Orleans, La.	70,215
Headrick, Okla.	34,000
Newkirk, Okla.	20,762
Emory, Tex.	30,000
Eubanks Property, Duncanville, Tex.	24,113
<b>EPA Region VII</b>	
Flying Pig Site, Estherville, Iowa	11,250
Fredericktown Greenway Development, Fredericktown, Mo.	17,500
<b>EPA Region VIII</b>	
Heller Property, Commerce City, Colo.	48,967
South Tejon-Phase II, Denver, Colo.	50,000
Westlake Dry Cleaners, Loveland, Colo.	68,947
Brewery Flats, Lewistown, Mont.	50,000
Coulson Park Dump, Billings, Mont.	37,000
<b>EPA Region IX</b>	
Roseburg, Mt. Shasta, Calif.	80,801
North Fork Mill Site Phase I, North Fork, Calif.	9,100
North Fork Mill Site Phase II, North Fork, Calif.	80,000
Kaks'ako Site Phase I, Honolulu, Hawaii	12,400

Enclosure III

<b>EPA Region X</b>	
Metiakatia, Alaska	\$165,000
Ship Creek, Anchorage, Alaska	98,000
Atlas Mill, Falls City, Oreg.	15,800
Benton Auto Wreckers, Corvallis, Oreg.	27,850
Burns Piute, Burns, Oreg	75,000
<b>Fiscal year 1999</b>	
<b>EPA Region I</b>	
50 Miles Street, Bridgeport, Conn.	50,000
American Tool, Winsdor, Conn.	20,000
Berlin Center, Berlin, Conn.	20,000
Derby Downtown Business Revitalization District, Derby, Conn.	40,000
Erickson Property, Ledyard, Conn.	10,000
H. J. Mills Box Factory, Bristol, Conn.	35,000
InterRoyal Mill, Plainfield, Conn.	75,000
Occum Roto Print, Norwich, Conn.	75,000
Rolfite, Canal Street Site, Shelton, Conn.	75,000
Samarius Property, Shelton, Conn.	75,000
Swan Engraving, Bridgeport, Conn.	50,000
Turnpike Auto Wreckers, Westbrook, Conn.	25,000
U.S. Cap, Inc., Prospect, Conn.	75,000
O'Sullivan's Island, Derby, Conn.	75,000
Ferdinand Block/DPH, Boston, Mass.	75,000
Former Beacon Chevrolet, Lynn, Mass.	75,000
Former DPW Yard, Newburyport, Mass.	35,000
Amesbury Wharf, Amesbury, Mass.	40,000
Boston Specialty Rehab Hospital, Boston, Mass.	75,000
David Street Parking Lot, Lowell, Mass.	75,000
Hallmark Van Lines, Holyoke, Mass.	50,000
Marine Railways Property, Gloucester, Mass.	50,000
Montello Auto Body, Brockton, Mass.	75,000
Standard Times Field, New Bedford, Mass.	75,000
Old Northampton Fire Station, Northampton, Mass.	50,000
Omniwave Electronics, Gloucester, Mass.	75,000
Quarry Street Highpoint Site, Quincy, Mass.	35,000
Bangor Hydro, East Machias, Maine	4,174
Lewiston & Auburn RR Co, Water Street, Lewiston, Maine	35,000
Ayers Island, Orono, Maine	100,000
Craig Supply, Durham, N.H.	10,000
J.P. Stevens Mill, Franklin, N.H.	75,000
Kaminski Property, Mont Vernon, N.H.	50,000
Former Tannery Site, Milton, N.H.	75,000
Henry's Tire Property, Sutton, N.H.	6,500
Henry's Tire and Wrecking, Sutton, N.H.	50,000
Narragansett Landing, Providence, R.I.	50,000
Pontiac Enterprises, Warwick, R.I.	1,500
<b>EPA Region II</b>	
12 Site Inspections, State of New Jersey	172,800
City of Hudson Waterfront/Conrail, Hudson City, N.Y.	125,000
Jervis/Roundhouse Property, Port Jervis, N.Y.	125,000
Former Perry Builders, Bainbridge, N.Y.	125,000
Lackawanna Foundry Site, Lackawana, N.Y.	60,000
<b>EPA Region III</b>	
Bafundo, New Castle, Del.	42,987
Bancroft Mills, Wilmington, Del.	44,239
DP & L- Congo Marsh, Wilmington, Del.	46,321
Dravo Shipyard - Amer Property, Wilmington, Del.	55,743

Enclosure III

Dravo Shipyard Harbor Associates, Wilmington, Del.	\$63,386
Dravo Shipyard–Sardo and Sons, Wilmington, Del.	46,928
Wilmington Public Works, Wilmington, Del.	44,307
Triumph Industrial Park, Elkton, Md.	80,054
Aileen Incorporated, Fint Hill, Va.	16,203
<b>EPA Region IV</b>	
Simpson Fertilizer, Atmore, Ala.	23,000
City Wellfield, Fort Meyers, Fla.	60,000
FHI Ag. Project, Sarasota, Fla.	50,000
Goody's Cleaners, N. Miami Beach, Fla.	50,000
Taylor Park, N. Miami Beach, Fla.	50,000
White Construction, Ocala, Fla.	50,000
Soccer Fields, Atlanta, Ga.	30,000
Elkay Ind., Camden, S.C.	44,848
Unispere Chemical, Cowpens, S.C.	42,352
Walter Farms, Johnston, S.C.	38,283
Yemassee Chipper, Yemassee, S.C.	26,801
26 Parcels, Nashville, Tenn.	120,000
<b>EPA Region V</b>	
City of Berwyn – Wallace Property, Ill.	27,000
Bruce Property, Ind.	27,000
Former Pennsylvania Railroad Depot, Ind.	27,000
Bear Archery Disposal Property, Mich.	27,000
Hartford School Athletic Field, Mich.	27,000
Joy Road Dump/Holiday Park/Holiday Nature, Mich.	27,000
Kellogg Property, Mich.	27,000
Laingsburg, Mich.	27,000
LFPR, Inc., Mich.	27,000
Nagel Residence Site, Mich.	27,000
Pardon Manufacturing, Mich.	27,000
P & G School Bus Service, Wis.	27,000
Petroleum Construction, Inc., Wis.	27,000
<b>EPA Region VI</b>	
Old Post Road, Russellville, Ariz.	5,116
Plainview Lumber, Plainview, Ariz.	8,838
Lafayette, La.	30,000
Malter Site, Gretna, La.	19,000
ATSF Raton, Raton, N.M.	41,048
Boston Hill, Silver City, N.M.	18,591
Carisbad Railyards, Carisbad, N.M.	N/A
Nile Mile Hill Landfill, Bernadillo County, N.M.	26,453
Santa Fe Railyards, Santa Fe, N.M.	58,607
Cushing, Okla.	30,000
Grandfield, Okla.	35,000
Haskell, Okla.	35,000
Edward Warren Field, Muleshoe, Tex.	12,000
Entex Gas Company, Beaumont, Tex.	24,213
Erickson/Independent Refining, Port Neches, Tex.	55,430
Grief Yount Partnership, Austin, Tex.	12,000
Hulen Park (Balwin Steam Location), Cleburne, Tex.	7,333
Laguna Park, Alamo, Tex.	22,170
Market Street, Houston, Tex.	70,000
Nacagdoches, Tex.	36,000
Police Headquarters, Dallas, Tex.	10,000
Power Plant & Garage Area, Lubbock, Tex.	37,968
Sulphur Springs, Tex.	45,000
William R. Black Estate, Galveston, Tex.	20,517

### Enclosure III

Barron Brick Company, Groesbeck, Tex.	\$21,844
Blanchard Auto Sales, West Columbia, Tex.	19,813
Continental EMSCO, Sachse, Tex.	24,733
Dorset Steet, Houston, Tex.	80,000
<b>Region VII</b>	
Former Weisman Steel Site, Cedar Falls, Iowa	28,750
Former Leavenworth Landfill, Leavenworth, Kans.	21,500
Area Agency on Aging Building, Manhattan, Kans.	10,500
4800 Block Development Natural Bridge Rd., St. Louis, Mo.	6,250
4919-4929 Natural Bridge Road Development, St. Louis, Mo.	6,250
Delmar Blvd. Redevelopment, 3100 Block, St. Louis, Mo.	6,250
Delmar Blvd. Redevelopment, 3200 Block, St. Louis, Mo.	6,250
Former Atcom Property, St. Louis, Mo.	20,400
Fredricktown Greenway Development, Fredricktown, Mo.	N/A
Kennerly Avenue Redevelopment, St. Louis, Mo.	12,500
Old Eden Publishing, St. Louis, Mo.	12,500
The Fresh Building, St. Louis, Mo.	12,500
<b>EPA Region VIII</b>	
South Tejon-Phase III, Denver, Colo.	50,000
500 West Park Blocks, Salt Lake City, Utah	50,000
<b>Region IX</b>	
West Wetland Project, Yuma, Ariz.	53,180
3 Properties, Stockton, Calif.	22,675
Cooley Landing, East Palo Alto, Calif.	20,718
Goodyear Tract Industrial Site, Los Angeles, Calif.	19,041
North Fork Mill Site Phase III, North Fork, Calif.	67,000
Regional Transit Center, Ukiah, Calif.	7,612
Rincon Park Site, San Francisco, Calif.	26,162
Kaka'ako Site Phase II, Honolulu, Hawaii	58,700
<b>EPA Region X</b>	
Fort Yukon, Alaska	106,000
Rose City Plating, Oreg.	27,000
Old Harlan Mill, Oreg.	41,000
Wenatchee Landfill, Wash.	68,500
Wenatchee Orchard, Wash.	25,000
<b>Total</b>	<b>\$9,253,608</b>

#### Legend

N/A = not available

\*Data were not available on the cost of eight targeted site assessments; Region V calculated an average cost of its targeted brownfield assessments at \$27,000; and Region II calculated an average cost for 10 of its targeted brownfield assessments in New Jersey at \$35,995.

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