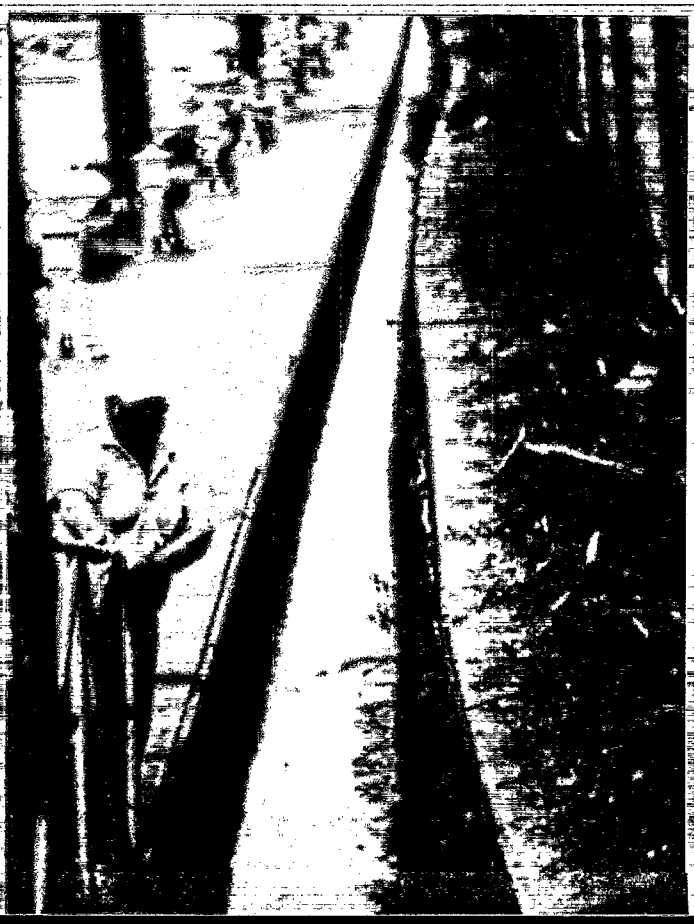
United States
Environmental Protection
Agency

Environmental Justice Small Grants

Emerging Tools for Local Problem-Solving 2ND Edition



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Environmental Protection
Agency
Office of Environmental Justice

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Environmental Justice Small Grants Emerging Tools - (1999) EPA 200-R-99-001

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MESSAGE FROM THE ADMINISTRATOR

I am pleased to provide the United States Environmental Protection Agency's 2nd Edition of the Environmental Justice Small Grants Emerging Tools for Local Problem-Solving. This report provides a snapshot of the best projects awarded under the Environmental Justice Small Grant Program between 1997 and 1999. I believe the report will help the public assess the collaborative efforts directed at addressing and/or resolving real life environmental justice issues.

This document describes a variety of projects that have made a difference. It describes 71 grants selected as the "best success stories for the three-year period from 1997 - 1999 to demonstrate how communities can come together in different ways to solve local problems.

Much of the progress described in the report is a direct result of contributions by community-based organizations and tribal partners. Ensuring strong and creative partnerships is essential and continues to be a top priority of this Agency.

The work detailed in this report demonstrates the potential such partnerships have for continued progress. Not only have these efforts improved conditions in the communities described in the report, they are also models of success that can be applied in similar situations across the country. We find these projects inspiring, and hope that by highlighting these case studies we will help others find ways to solve their local problems and to think creatively about environmental justice issues in their communities.

Christine Todd Whitman
Administrator

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Introduction

This publication is a compilation of information about 71 of the hundreds of grants that have been awarded through the Environmental Protection Agency Small Grants Program which reflects some of the support the EPA gives to community-based organizations. EPA has supported communities through partnerships, research, communication and public participation to help ensure a more just and fair distribution of environmental benefits as well as environmental burdens. This document describes community projects representing several focus areas such as: air quality, children's health, farmworker safety, hazardous waste disposal, lead and CO2 education, PCB contamination, perchloroethylene (perc) education, pollution prevention, radon, water quality and environmental stewardship. Our purpose is to: (1) inform communities and show them how to link or implement similar projects and programs; (2) reduce duplication of effort; (3) strengthen the networking of organizations; (4) improve the quality of future projects; and (5) provide lessons learned from completed projects. Appendix A is a list of projects by state.

This biennial publication highlights the accomplishments of the grant recipients under the Small Grants Program. It covers grants awarded during the three-year period of 1997 through 1999 of the Small Grants program. In subsequent years a Small Grants Program accomplishments report will be published biennially and will include those successes from the previous years.

What is Environmental Justice?

Environmental justice is the fair treatment and meaningful involvement of all people regardless of race, color, national origin, culture, education, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies. *Fair treatment* means that no one group of people, including racial, ethnic, or socioeconomic groups, should bear a disproportionate share of the negative environmental consequences resulting from industrial, municipal, and commercial operations or the execution of federal, state, local, and tribal environmental programs and policies. *Meaningful involvement* means that: (1) potentially affected community residents have an appropriate opportunity to participate in decisions about a proposed activity that will affect their environment and/or health; (2) the public's contribution can influence the regulatory agency's decision; (3) the concerns of all participants involved will be considered in the decision-making process; and (4) the decision-makers seek out and facilitate the participation of those potentially affected.

EPA's Role in Environmental Justice

On February 11, 1994, the President issued Executive Order 12898, "Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations," which identified three goals:

- to focus federal agency action on the environment and human health conditions in minority and low-income communities;
- to promote nondiscriminating in federal programs that substantially affect human health and the environment; and
- to provide minority and low-income communities greater access to information on, and opportunities for public participation in, matters relating to human health and the environment.

The President encouraged federal agencies to reinvent the way the nation approaches environmental justice so that our day-to-day efforts would be more effective in protecting the public health and environment. The EPA has a leadership role in helping federal agencies implement this Executive Order.

Why the Small Grants Program was Developed

The EPA recognized that community involvement was critical to environmental decision making and made a commitment to invest resources in projects that would financially benefit affected communities. In Fiscal Year 1994, the Office of Environmental Justice (OEJ) established the Small Grants Program to provide financial assistance for addressing local environmental problems to eligible community groups which included community-based grassroots organizations, churches, other nonprofit organizations, and tribal governments.

Each year approximately $2 million is made available for the Environmental Justice Small Grants Program divided equally among the ten EPA regions where the actual grant is awarded and managed. Awards range from $10,000 to $20,000 each. The amount available in a given year may vary depending on the availability of funds.

Environmental Justice Small Grants Program Summary

Fiscal Year	$ Amount	Awards
1994	500,000	71
1995	3,000,000	175
1996	2,800,000	152
1997	2,700,000	139
1998	2,500,000	123
1999	2,000,000	95
2000	899,000	61
2001	1,300,000	88

The Grant Selection Process

The grant proposals submitted for the Environmental Justice Small Grants Program are evaluated, within the EPA region where the project is located, through competitive review and evaluation. Award decisions are made within each region based on established criteria which include geographic and socioeconomic balance, diversity of project recipients, and sustainability of benefits of projects after the grant is completed. The review process also gives a higher priority to proposals that demonstrate strong community involvement at the proposal development stage.

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REGION 1
(CT, MA, ME, NH, RI, VT)

Action Against Asthma Program

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ991045	*Andrea Mullin* *Committee for Boston Public Housing (CBPH)* *Roxbury, MA 02120*	*$20,000* *FY 1997*	*Air Quality*

Target Audience:
The 23,817 individuals residing in public housing in Boston. Ninety percent of these residents are below the poverty line, and seventy percent are racial, cultural, or linguistic minorities.

Purpose:
To address poor indoor air quality in Boston's public housing developments by educating public housing residents about the impact of environmental and housing conditions on health.

Goals:
- To increase recognition of asthma as a high-priority environmental justice issue.
- To build strong alliances between public housing residents, environmental organizations, and local health care providers.
- To improve environmental and housing conditions in public housing developments, and therefore the health of individual residents.
- To encourage public housing residents to become environmental justice activists.

Methods:
- Recruit public housing residents to participate in six weeks of training to become Asthma Health Advocates (AHAs).
- AHAs create and conduct health surveys to gather information about the rate and severity of asthma in public housing.
- Conduct educational workshops and community meetings to address asthma in public housing.
- Collaborate with community-based organizations to share information and contribute to programs that address asthma.

Products/Results:
The Committee for Boston Public Housing trained 29 public housing residents to become AHAs. These residents partnered with city health inspectors to conduct 25 home assessments for asthma triggers in four public housing developments. AHAs also surveyed more than 300 public housing residents to determine the rate and severity of asthma in public housing. The Action Against Asthma (AAA) program also continued to strengthen its Advisory Committee, consisting of 20 members, including public housing residents. The Advisory Committee drafted a report called "Asthma in Public Housing."

Successes/Strengths:
The AAA program created the Urban Asthma Coalition, which includes members of the Attorney General's Office, medical providers, lawyers, residents, and environmental professionals. The coalition's mission is to examine indoor air quality in public and private housing and bring government attention to the asthma problem. The Advisory Committee met twice with the Administrator of the Boston Public Housing Authority to discuss the public health impact of the dilapidated conditions of the majority of the city's public housing. AAA also became involved with the Healthy Kids/Healthy Homes program, the Northeast Environmental Justice Network, and with Neighbors Against Urban Pollution. AAA's year-long organizing efforts culminated in the installation of an air monitoring system near one housing development and a sewage leak monitoring system near another development.

REGION 1

Boston Neighborhood Recycling Campaign

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ981145	*Vivien Watts* *Recycling Initiative Campaign* *Boston, MA 02111*	*$17,945* *FY 1999*	*Recycling*

Target Audience:
Residents of three of the lowest-income neighborhoods in Boston (Dorchester, East Boston, and the South End) , many of whom are people of African-American, Vietnamese, Haitian-Creole, and Latino descent.

Purpose:
Boston's recycling rate is only 12 percent, compared to the statewide average of 34 percent. The Recycling Initiative Campaign (RIC) aims to boost recycling rates in Boston by targeting three neighborhoods.

Goals:

- To work with community groups to identify solid waste problems in their communities and help design and implement programs to address them.
- Create three Block Captain Programs of 40 people each and three tenant groups of 10 people each to work on implementing recycling.
- Hold three meetings and form the basis of a city-wide coalition to foster information exchange and partnerships between city officials, recycling advocates, representatives from the recycling facility, and representatives from the company that hauls recyclables.

Methods:

- Establish individual recycling coalitions in each of the targeted neighborhoods through grassroots community outreach.
- Recruit and train volunteers to become Block Captains or tenant leaders. Create and distribute fact sheets or other documents about recycling.
- Establish contact with all recycling stakeholders and create a city-wide coalition to promote recycling. Organize meetings for all stakeholders.

Products/Results:
Boston Neighborhood Recycling Coalition (BNRC) members talked to hundreds of people through block captaining, attending community events, and handing out blue recycling bins. The BNRC created various leaflets with information on common recycling mistakes and recycling in Boston. During the first year of the project, Boston city officials launched a 5-year strategic plan to improve recycling in Boston. BNRC members were interviewed on several occasions as part of the strategic planning process. In addition, the coalition published a report detailing their analysis of the city's recycling program and the steps necessary to achieve 40% recycling in 2005.

Successes/Strengths:
RIC originally targeted three neighborhoods, but actually helped start recycling coalitions in seven, including the South End, Dorchester, Allston/Brighton, Fenway, Jamaica Plain, Roslindale, and West Roxbury. Members of the North End and Four Point Channel neighborhoods have also expressed interest in getting involved with the recycling campaign.

###

REGION 1

Environmental Justice Connections: Incorporating Environmental Justice into Community Health Nursing Curriculum

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ991017	*Anne Reynolds* *Tellus Institution, Inc.* *Boston, MA 0211*	*$20,000* *FY 1998*	*Education*

Target Audience:
The College of Nursing community at the University of Massachusetts (UMASS) in Boston.

Purpose:
To connect environmental justice and public health issues by integrating environmental justice concepts into a community health nursing curriculum.

Goals:
- To create and implement a model environmental justice course module for community health nursing students.

Methods:
- Design and implement an environmental justice course module.
- Assess the permanent inclusion of the module in the UMASS nursing curriculum.
- Disseminate the module as a model for other nursing programs.

Products/Results:
Tellus created a year-long environmental justice course module that included four components: lectures, reading, a tour, and a community clinical practicum project. Two three-hour lectures were developed that addressed the connection between environmental justice, pollution issues, public health, and community nursing. A concise required reading packet of recent literature on environmental justice and environmental health topics was compiled. Tellus partnered with Alternatives for Community and Environment to provide a student tour of Roxbury, where information on environmental justice issues and activism were presented. Two tours were given each semester to accommodate all students. Finally, all students were required to complete a semester-long clinical experience at a community-based health or social service organization and conduct an environmental group project for the organization.

Successes/Strengths:
Students completed seven semester-long practicum projects with community-based health and social service organizations and several environmental justice projects on topics ranging from tobacco smoke, recycling, asthma, brownfields, flooding, and cancer. At the conclusion of both semesters the faculty of the College of Nursing at UMASS decided that a lecture on environmental justice and environmental health would be permanently included in their curriculum. The college also plans to continue the clinical practicum project. In contrast to the first two semesters, students' groups are not required to focus only on an environmental justice topic for their project, but students are required to address environmental health considerations of the community health issue they select.

###

REGION 1

Health Hazards of Contaminated Fish Consumption

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ981148	*Madeline Martin* *Penobscot Indian Nation* *Old Town, ME 04468*	*$19,700* *FY 1998*	*Water quality*

Target Audience:
The 2,194 enrolled tribal members of the Penobscot Indian Nation (Penobscot) in east central Maine.

Purpose:
Fish consumption advisories are in effect for most resident fish species in waters fished by Penobscot tribal members because of contamination from dioxin, coplanar PCBs, and mercury. The purpose of this project is to build Penobscot's capacity to identify and resolve environmental health problems by expanding the efforts to relate the extent, prevention, reduction, and elimination of water contamination in tribal areas.

Goals:

- Educate staff from the Penobscot Health Department and the Department of Natural Resources about health problems from exposure to dioxin and mercury, and provide training to detect and assess exposure.
- Educate the tribal community about health problems from exposure to dioxin and mercury. Specifically target the most at-risk tribal members, including children and adults of childbearing age.

Methods:

- Review literature on dioxin and mercury in aquatic environments and fish tissue, and any associated health effects.
- Hold a workshop on the health hazards of contaminated fish for staff from the Penobscot Health Department and the Department of Natural Resources.
- Hold a community forum to foster understanding of the human health effects of exposure to mercury and dioxin.
- Distribute culturally sensitive material on fish consumption advisories affecting tribal water resources.

Products/Results:
A report entitled "Literature Review of Human Health Risks From Dioxin & Mercury Exposure in Fish Tissue" was published after the first stage of information-gathering. After the report was distributed, a workshop was held for staff from the Penobscot Health Department and the Department of Natural Resources called "Health Hazards of Contaminated Fish: Education for Providers." A community forum called "Understanding Human Health Effects of Exposure to Mercury and Dioxin" was also held for interested tribal members. Finally, updated culturally sensitive fish advisory material was developed and distributed to tribe members.

Successes/Strengths:
The collaboration between the Penobscot Nation Health Department and the Department of Natural Resources on this project resulted in a strong partnership between the two groups that will facilitate Penobscot's ability to identify and resolve future environmental problems. The Penobscot Nation also plans to continue efforts to assess the extent of health problems from mercury and dioxin by conducting a surveillance study of a sample of tribal members to estimate the body burdens of these contaminants.

###

REGION 1

Linking Environmental Justice and Economic Development in Low-Income Communities through Job Training

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ991038	*Paula Paris* *Jobs for Youth* *Boston, MA 02208-2786*	*$20,000* *FY 1997*	*Education*

Target Audience:
Adult residents of low-income neighborhoods in Boston that are either unemployed or underemployed, with a high school diploma or equivalent, and less than two years of post secondary education or training.

Purpose:
To build capacity in the low-income communities by educating and preparing the residents with the skills and knowledge to enter into the environmental services field.

Goals:
- To provide classroom instruction and certification that will allow participants to compete for jobs in the environmental services field.
- To contribute to building a base of indigenous professional expertise within communities that are disproportionately affected by environmental hazards.
- To empower community residents through education and job training to become aware of environmental problems and become environmental advocates.

Methods:
- Recruit participants through employment and welfare offices, community-based organizations and programs, and through newspaper advertisements.
- Assess applicants for reading and math ability, which must be at a minimum ninth grade level.
- Conduct two, 17 to 20-week, training cycles that include classroom instruction in environmental science and applied math, and OSHA certification.
- Assist participant with job placement in entry-level positions as environmental technicians or environmental services specialists.

Products/Results:
Thirty-three racially diverse students from urban neighborhoods in Boston enrolled in the Environmental Technology program, and 29 completed the training. Twenty-five program graduates were placed into jobs with 17 different employers. Twenty-two of these jobs were in the environmental industry. The average starting salary of the graduates was $22,770, which represented an average wage gain of $7,000.

Successes/Strengths:
Jobs for Youth partnered with Suffolk University, Franklin Institute, Roxbury Community College, University of Massachusetts-Lowell, and University of Massachusetts-Boston to provide the highest quality education possible. The program also benefits from an advisory board made up of local businesses and environmental organization. Through these and other strong partnerships, Jobs for Youth has been able to place its graduates into competitive environmental services positions. In addition, Jobs for Youth was successful at meeting additional demands of its student body, by providing remedial literacy training, academic tutoring, and counseling as needed.

REGION 1

Merrimack County Air Quality Awareness Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ981143	*Anne Campbell* *New Hampshire Citizens Alliance* *Concord, NH 03301*	*$15,000* *FY 1999*	*Air Quality*

Target Audience:
The 11,500 residents of Pembroke and Allenstown, NH, two towns that are situated downwind from a coal burning power plant in Bow, NH .

Purpose:
To build community awareness of the potential health problems associated with living downwind from an antiquated coal burning power plant by developing community leaders who will foster community outreach and develop community problem solving skills, and improve residents' leadership skills.

Goals:

- To assist residents in learning more about the potential health impact of living downwind from a coal burning power plant.
- To train residents to become leaders in their communities in educating others about air quality issues and related health impacts.
- To develop a network of organizations and individuals that can facilitate the sharing of information and resources.
- To develop a community-based organizing model to engage residents to investigate the impact of suspected environmental contaminants.

Methods:

- Recruited resident community leaders to participate in the project through outreach to community groups and referrals.
- Participants collected information about air quality problems associated with coal burning power plants and created informational brochures.
- Participants conducted an anecdotal health survey that enabled them to collect information about air quality in the towns, and to begin discussions with other residents to engage them in addressing air quality concerns.

Products/Results:
Participants created an educational brochure that they used to educate other residents about air quality and to engage them in addressing the potential health problems associated with the nearby power plant. Project participants also conducted more than 300 anecdotal surveys, which proved to be a valuable information tool and served to open up more dialogue about air quality in the communities. Finally, the project participants organized a press conference and a community forum to discuss the results of their survey.

Successes/Strengths:
All the events coordinated through the project were incredibly well-received in the community and well attended by many people including town selectmen, state representatives and the media. In addition, participants reported that over time they developed a sense of ownership of the project. The effort can be considered a model for community organizing.

###

REGION *1*

Neighborhoods Against Urban Pollution: Developing a Greater Boston Environmental Justice Network

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ981075	*Penn Loh* *Alternatives for Community and Environment* *Roxbury, MA 02119*	*$20,000* *FY 1998*	*Environmental Stewardship*

Target Audience:
Residents of low-income and minority neighborhoods in the greater Boston area.

Purpose:
To build a network of resident-driven environmental justice groups from across low-income and minority neighborhoods in Boston, Chelsea, and Sommerville. The network will enable groups to share resources, learn from one another, and address regional problems more effectively.

Goals:
- Plan and create a greater Boston network of organizations that deal with environmental justice.

Methods:
- Conduct outreach and meet with representatives from community-based organizations that address environmental justice to gather input for proposed network.
- Recruit organizational members for the network and elect a steering committee.
- Establish and hold regular meetings.
- Use meetings to identify environmental justice initiatives for the network, and follow through with a plan of action for each initiative.

Products/Results:
More than 50 representatives from groups in Roxbury, Dorchester, Mattapan, Jamaica Plain, South End, South Boston, East Boston, Chinatown, Chelsea, and Roslindale participated in three planning meetings for the creation of a greater Boston Environmental Justice Network (GBEJN).

The Greater Boston Environmental Justice Network (GBEJN) was officially launched in April, 1999, with 25 organizational members. A steering committee of 11 members was elected that met every other month to determine the agenda for full membership meetings. Three quarterly full membership meetings were held and the GBEJN participated in several local and state-wide environmental justice initiatives.

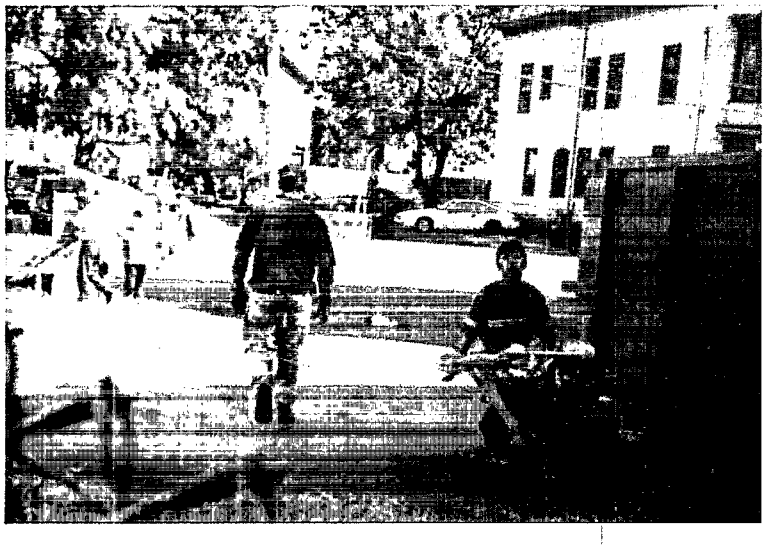
Successes/Strengths:
The GBEJN was instrumental in the passage of new Boston Public Health Commission regulations governing dumpster storage lots, junkyards, and recycling facilities. The regulations explicitly require the consideration of the cumulative effects of siting. The regulation requires public hearings for proposed facilities and requires public hearings if a facility receives three citations. The GBEJN has been working to support a new Environmental Justice Designation bill that would designate areas of critical environmental concern to protect communities overburdened by environmental degradation. Other initiatives the GBEJN has concentrated on include opposing the Logan Airport runway expansion and addressing the environmental justice concerns of other new development in Boston.

###

REGION 1

Waverly Street: Implementing an Urban Environmental Model

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ981141	*Laura Archambault* *Keep Providence Beautiful, Inc.* *Providence, RI 02903*	*$15,000* *FY 1999*	*Environmental Stewardship*



REGION 1

Waverly Street: Implementing an Urban Environmental Model

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ981141	*Laura Archambault* *Keep Providence Beautiful, Inc.* *Providence, RI 02903*	*$15,000* *FY 1999*	*Environmental Stewardship*

Target Audience:
The predominantly low-income and minority residents of Waverly Street in the West End of Providence.

Purpose:
To replicate a neighborhood revitalization project from Bellevue Avenue in Providence on nearby Waverly Street, with a focus on adding greenery and improving solid waste containment.

Goals:
- Strengthen the Waverly Street Association and hold monthly meetings to develop agendas that address residents' concerns.
- Develop a new and improved vision of the street.
- Educate residents about proper solid waste disposal.

Methods:
- Hire a community organizer and a street captain to plan meeting and events, thereby strengthening the Street Association.
- Hire a landscape architect to draw plans for the new vision of the street.
- Distribute information on solid waste disposal and recycling to residents.

Products/Results:
Waverly Street residents noticed the aesthetic improvement in its neighboring Bellevue Avenue Street Association had organized with direction from Keep Providence Beautiful (KPB) and wanted to get involved with a similar project. As many as 30 Waverly Street residents attended meetings and planned the new vision of their street. The residents also learned about proper solid waste disposal, composting, and the hazards of lead. Residents conducted two street cleanups and planted trees.

Successes/Strengths:
KPB used its previous success in revitalizing Bellevue Avenue as a model for improving Waverly Street. Rather than simply duplicating its past effort, however, KPB encouraged Waverly Street residents to set their own agenda. As a result, the Waverly Street Association grew, and KPB proved that the revitalization model could be replicated in other neighborhoods.

###

REGION 1

Urban Community Gardening Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ981016	*Lauren Brown* *New Haven Land Trust* *New Haven, CT 06513*	*$20,000* *FY 1997*	*Environmental Stewardship*

Target Audience:
Residents of low-income neighborhoods throughout New Haven.

Purpose:
New Haven has one of the highest rates of unoccupied buildings in the Connecticut area, with 700 units currently considered blighted by the government. As the city systematically demolishes these buildings, many vacant lots are left behind. The purpose of the Urban Community Gardening Project is to convert vacant lots into community gardens in neighborhoods that otherwise lack parks and other green space. While creating community gardens, program participants will become more aware of a variety of environmental issues and will develop a sense of ownership of their gardens.

Goals:
- To work with residents and community groups to identify vacant lots for community gardens and convert them.
- To educate participants on various aspects of organic gardening and environmental issues related to vacant lots.
- To work towards making the community gardens sustainable.

Methods:
- Identify vacant lots for conversion and conduct labor-intensive cleanup and site preparation for gardens.
- Present workshops on organic gardening at annual Urban Gardening Conference.
- Present other workshops and provide technical assistance as needed to community gardeners.
- Hold two Leadership Development Conferences for garden coordinators on collaborations, networking, grassroots fund-raising, publicity, and organizing a community garden.

Products/Results:
New Haven Land Trust (NHLT)worked with 66 community gardens in low-income neighborhoods through this project, 50 of those were created in previous years and 16 were created this year. Gardeners learned about proper trash and toxic disposal through labor-intensive vacant lot clean-ups and site preparations. More than 110 people attended NHLT's annual Urban Gardening Conference where nine workshops were presented on various aspects of organic gardening. Many of these workshops were led by community gardeners themselves. NHLT also coordinated other hands-on workshops on topics like raspberry growing, blueberry harvesting, organic pest control, composting, water conservation, hazardous waste disposal, and recycling.

Successes/Strengths:
The project created six more community gardens than originally anticipated. The two Leadership Development conferences that were held put the community gardens on the path to sustainability by providing gardeners with the means to continue the gardens when the project is over.

###

REGION 2
(NY, NJ, PR, VI)

Council on the Environment

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ982020	*Cathy Shea* *Council on the Environment, Inc.* *New York, NY 10007*	*$14,000* *FY 1997*	*Training Student Organizers*

Target Audience:
African-American, Latino, and Polish high school and intermediate students who live in the Greenpoint-Williamsburg section of Brooklyn, New York. Several industries, including waste transfer stations, sewage treatment, radioactive waste transfer facilities are located in this community.

Purpose:
To increase awareness of environmental issues and develop the capacity of young people to take action to resolve environmental problems.

Goals:
- To increase the dialogue between industry, government and non-profit technical assistance providers.
- To build community capacity by motivating students to take action to reduce industrial toxics.

Methods:
- Students will monitor air toxics and organize action projects to improve the air quality in the schools or community.
- Students will survey and evaluate the use of industrial toxics, and the potential for replacing toxics (and polluting processes) with more environmentally benign alternatives.
- Students will start dialogues with two major local polluters and attempt to assist them in reducing pollution.

Products/Results:
- Students were trained to conduct research and investigations relating to the causes, effects, prevention and control of air pollution.
- The pamphlet, "What is in the Air?", explains how to investigate industrial air pollution in the neighborhood. The pamphlet was produced and distributed to more than 200 students and teachers staff and more than 100 local residents.
- Students developed a one page flyer informing the public about the New York City Department of Environmental Protection's DEP-HELP hotline for air quality complaints.
- Ten local industries attended a Pollution Prevention evening at the local school. They discussed pollution control systems that were implemented in their businesses while still maintaining profitability.

Successes/Strengths:
The community toxic project addressed improvements in communication and coordination by beginning the first successful large-scale dialogue between industry, residents and pollution prevention technical advisors.

###

REGION 2

Long Island Sound Issues Project
Save the Sound

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ992841	*John Atkin* *Save the Sound, Inc.* *Stamford, CT 06902*	*$19,988* *FY 1998*	*Environmental Stewardship*

Target Audience:
Community leaders and educators from the Soundview and Hunts Point communities of the South Bronx, NY.

Purpose:
To help overcome existing inequities related to costal management, water quality, and sludge treatment in two coastal South Bronx neighborhoods.

Goals:
- To build a partnership between a regional environmental organization (Save the Sound, Inc.), a Bronx-wide environmental organization, and community based organizations in the targeted areas of Hunts Point and Soundview.
- To plan, implement, publicize, and evaluate project activities designed to increase awareness of community leaders and residents from Hunts Point and Soundview areas of the South Bronx about issues related to the communities' shorelines including its solid waste treatment and recycling facilities and the water quality in the East River and Long Island Sound.

Methods:
- Conducted workshops on topics related to the East River, Long Island Sound, and solid waste disposal for the targeted communities.
- Trained elementary school teachers in the two target communities to incorporate hands-on Long Island Sound education into their curriculum through 8-hour training workshops.
- Held community-based forums on East River, Long Island Sound, and solid waste disposal issues and how they related to community leaders.
- Partnered with community groups for hands-on, on-site workshop/action projects.

Products/Results:
- About 75 residents and community leaders attended workshops on water quality, nitrogen reduction from sewage plants, the local sludge recycling plant, habitat preservation and restoration, open space and access to waterfront
- Approximately 10 local elementary school teachers and 250 students participated in hands-on programs about Long Island Sound's ecology and environmental issues facing it.
- A workshop on how to initiate a habitat restoration project, actual habitat restoration, storm drain stenciling and shoreline clean-up was attended by 25 community leaders plus other volunteers for a total audience of more than 50.

Successes/Strengths:
Dredging along the waterfront in the Bronx emerged as an issue for Harding Park, while waterfront open space and development was a prime issue in Hunts Point.

###

REGION 2

Neighborhood Environmental Leadership Institute

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ992638	*Michael E. Clark* *Citizens Committee for New York City* *New York, NY 10001*	*$19,974* *FY 1997*	*Environmental Education/ Stewardship*

Target Audience:
Leaders of block, tenant, neighborhood, youth and other volunteer groups in low-income communities in the Bronx, NY.

Purpose:
To train grassroots neighborhood leaders from low-income communities to organize effectively to address environmental injustices on a local level.

Goals:
- To train 200 grassroots leaders from low-income communities in the Bronx to effect positive environmental change in their neighborhoods through interactive training in environmental issues, leadership skills and organizational development.

Methods:
- Conduct a series of workshops organized into three distinct tracks of training, the Environmental Track, the Basic Organizing Track and the Advanced Organizing track.

- Offer problem-solving clinics to provide an opportunity for program participants to network and problem solve together.

Products/Results:
More than 270 Bronx leaders participated in the Neighborhood Environmental Leadership Institute. By attending workshops focused on organizational development and leadership skills, combined with advanced training on difficult environmental issues, these neighborhood leaders acquired the knowledge-based skills needed to build community capacity to identify and address environmental justice issues in the Bronx.

Workshops were offered in the following topic areas: lead poisoning; pollutants in home and community; leadership training; public speaking; navigating city government; incorporation and tax-exemption; and program planning for community organizers.

Three problem-solving clinics were offered. Through one-on-one meetings, telephone consultations, and distribution of tip sheets and other self-help materials produced by the Citizens Committee, workshop participants received assistance in solving the tough problems they faced in their organizing efforts.

A special grant makers forum was conducted to provide neighborhood leaders an opportunity to meet representatives from key foundations and organizations. Each panelist gave a detailed description of their grant program, and offered guidance on developing successful programs, filling out grant applications and writing proposals.

Successes/Strengths:
A detailed survey was developed and mailed to a random sample of participants. Survey respondents indicated that the workshops held through the Neighborhood Environmental Leadership Institute had a positive impact on individuals and neighborhood organizations through out the city. In all, 87 percent of respondents indicated that participating in Institute workshops led to positive changes and improvements in their organizing efforts.

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REGION 3
(DC, DE, MD, PA, VA, WV)

Community Environmental Awareness and Career Education Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus*
EQ993931010	*Gregory Herbert, Director* *Montgomery County Health Department* *Division of Environmental Health Sciences* *1430 DeKalb Street, P.O. Box 311* *Norristown, PA 19404*	*$18,450* *FY 1999*	*Environmental Stewardship*

Target Audience:
Norristown, Pennsylvania area residents, with an emphasis on teen and pre-teen youths.

Purpose:
To promote a high level of environmental awareness and understanding among all age groups in the community of Norristown.

Goals:
- To enhance the lives of the target audience through programs, sponsored by the Norristown Carver Center, by having a positive effect on self-esteem and life-skill development.

Methods:
- Operated a summer day camp, where participants were introduced to various environmental issues.
- Conducted educational programs, from the Montgomery County Health Department, on clean air, water, and improved solid waste management for program participants and local community volunteers

Products/Results:
The Norristown Carver Center directed a summer day camp for approximately forty neighborhood youths. Through the aid of the Montgomery County Health Department staff, project participants gained knowledge on environmental issues, the daily functions and tasks of an Environmental Health Specialist, and the health services provided by the agency.

Successes/Strengths:
Because of the success of its summer program presentations, the Montgomery County Health Department has now established a connection with the Norristown community. An avenue of communication is secured that permits the department to actively meet with the community and promote the services that it offers. Additionally, a partnership is planned with the Schuylkill Center for Environmental Education and environmental clubs in the Norristown school district, in order to expand the environmental education program that currently exists at the Carver Center.

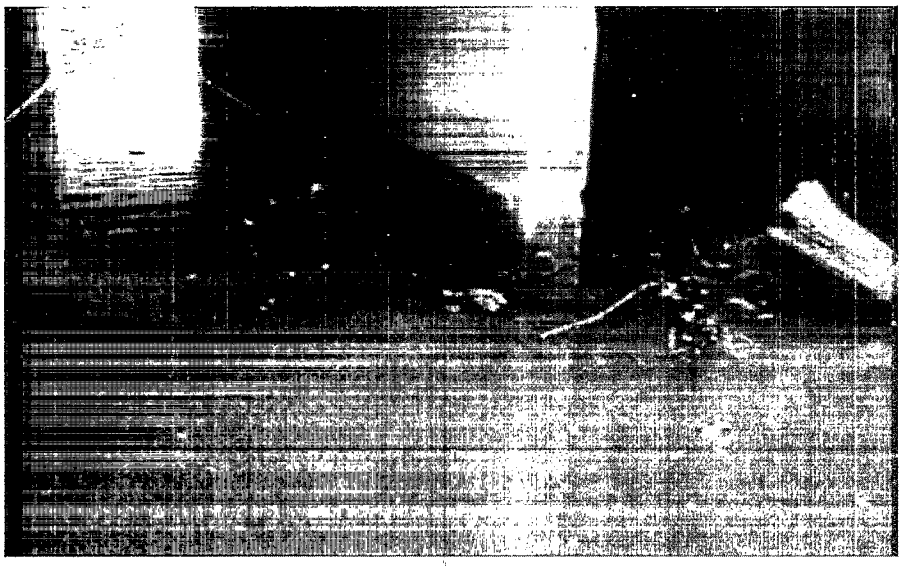
####

REGION 3

Anacostia River Cleanup Project/Environmental Youth Corp

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ99345401	*Henry B. Taylor, President* *Holding On to Memorable Events* *(H.O.M.E) P.O. Box 60347* *Washington, D.C. 20039*	*$20,000* *FY 1997*	*Water quality/* *River Cleanup*

Before



After

REGION 3

Anacostia River Cleanup Project/Environmental Youth Corp

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ99345401	*Henry B. Taylor, President* *Holding On to Memorable Events* *(H.O.M.E) P.O. Box 60347* *Washington, D.C. 20039*	*$20,000* *FY 1997*	*Water quality/* *River Cleanup*

Target Audience:
Communities in proximity to Anacostia River and the selected tributaries: Watts Branch, Hickey Run and James Creek.

Purpose:
To engage selected communities, university students, service companies, government and non-government organizations (NGOs) in clearing excessive amounts of debris from the Anacostia River and selected tributaries.

Goals:
- To increase community awareness about the impacts of dumping in local waterways.
- To clear waterway blockages and increase flow through a collaborative removal program.

Methods:
- Organized teams of instructors from Morgan State University to teach removal and monitoring methods.
- Assembled more than 80 community members to serve as participants.
- Formed associations with D.C. FRESH, National Park Service, U.S. EPA, African American Environmentalist Association, Catholic University, D.C. Public Schools, D.C. Dept. of Recreation, The La Val Corporation, Handon Diving, The Boy Scouts of America-Sea Explorers-Ship 547, and Sojourner Douglas College to assist in the implementation of the program plan.
- Collaborated with all parties to effect cleanup of river and tributaries known to be blocked by excessive amounts of debris.

Products/Results:
The *Anacostia River Cleanup Project/ Environmental Youth Corp.* was able to successfully remove approximately 95% of the debris from its targeted waterways. This served to significantly increase the water flow and provide aesthetic improvements to the affected areas.

Successes/Strengths:
H.O.M.E. has provided a model that successfully integrates the efforts of local institutions and community residents to perform river quality improvements. The project attracted twice the number of community participants projected. The unexpected level of interest, and the participation of industry and non-industry groups fostered a constructive dialogue around the cleanup program and other local environmental justice issues. By localizing the area of concern, H.O.M.E. has created a network of stakeholders whose future interests will now include the health of resident waterbodies, such as the need for the waterbodies to remain free flowing and the presence of community environmental justice issues.

###

REGION 3

Environmental Justice Technology Center (EJTC)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ99360201	*Dr. Babafemi A. Adesanya, Executive Director Hampton University 27 W. Queen's Way, Suite 102 Hampton, VA 23669*	*$20,000 FY 1998*	*Education/Assessment and Support*

Target Audience:
Southeast End residents of Newport News, VA

Purpose:
To assemble detailed environmental and health data for dissemination to the public and relevant state agencies to encourage development of targeted government programs that can deal with community environmental justice issues.

Goals:
- Assist the community in investigating and characterizing the environmental health of the community.
- Assist communities in obtaining environmental information.
- Develop a methodology for the community's continuing involvement in local environmental policy decision-making processes.
- Help to design and implement training programs that build capacity among community members to promote pollution prevention and neighborhood liaison activities/initiatives.

Methods:
- Developed a cooperative arrangement with the Department of Environmental Quality to conduct environmental toxic release audits using their files .
- Trained team members on the process of conducting environmental audits using air, water and waste files from the DEQ.
- Developed a methodology for conducting the investigation which included lists of: proximate companies, toxic sites, industry outflows, permits, reported violations, zoning classifications, age of homes, health and environmental indices and water soil, and lead tests.
- Held "Train-the-Trainer" workshops for the community on environmental information, GIS and pollution prevention.
- Used volunteers to do a community waste audit. The primary goal was to develop community profiles, which included regionally available data and locally gathered data. Supporting data included information from the EPA and ATSDR (Agency for Toxic Substances and Disease Registry).
- Conducted four environmental education workshops in the community covering; general environmental education, sources of information on pollution and health effects and indoor pollution prevention.
- Evaluated workshops using pre and post tests to determine level of participant understanding and effectiveness of the programs. Used verbal and written feedback to ascertain project's worth.

Products/Results:
The project was able to develop a detailed profile of the Southeast End community's potential pollutants, and its abandoned sites. It also collected information on indoor air quality. The data was combined with state and federal figures to present an integrated environmental assessment of the community.

Successes/Strengths:
The community assessment successfully drew together different data sources to formulate a baseline profile of the Southeast End area. By educating the residents and communicating the data to them, the level of discourse on the regional environmental issues was elevated. State and local governments were included in the information sharing, in hopes of impelling programmatic changes that would benefit the Southeast Environmental community. Educating the community was key. It empowered the residents to engage in a more scientific evaluation of their residential plight and enabled them to ask the appropriate questions of officials who will determine the fate of town's environmental future.

###

REGION 3

Get the Lead Out Environmental Justice Empowerment Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ993932010	*Ruth Ann Norton, Executive Director* *Coalition to End Childhood Lead Poisoning* *2714 Hudson Street* *Baltimore, MD 21224*	*$20,000* *FY 1999*	*Lead Hazards and Poisoning*

Target Audience:
High risk communities for lead hazards and lead poisoning in Baltimore City, Maryland, specifically the communities of Sandtown-Winchester, Middle East, and Park Heights.

Purpose:
To empower communities to utilize lead prevention resources such as; tenant's legal and housing rights, housing relocation resources, grants, loans, HEPA-vacuums, free lead dust cleaning kits and educational resources to promote lead poisoning prevention efforts.

Goals:
- To increase awareness of the risks of lead poisoning through environmental education and legal rights training.
- To increase access to resources and prevention information in the communities at highest risk for lead poisoning.

Methods:
- Established Community Lead Poising Prevention Resource Centers, accessible on a walk-in basis, in areas of significant need.
- Expanded upon a current HEPA-vacuum loan program, which provides low-income home owners with free access to otherwise expensive HEPA-vacuums that capture minute lead particles and dust.
- Facilitated an all-day Parent Lead Forum, where community residents were trained in the causes and effects of lead poisoning and the prevention resources available to them.
- Distributed lead-specific cleaning kits to members of the target audience.

Products/Results:
"Get the Lead Out!" established three Community Lead Poisoning Resource Centers, serving as "one-stop-shops" for parents, property owners, service providers, and community residents to learn about lead poisoning, testing, risk awareness and prevention resources and tools. These centers provide information about the HEPA-vacuum loan program, whose inventory was increased during FY 1999 through the purchase of three HEPA-vacuums and the filters and bags needed to run the vacuums for one year. A total of 58 community residents and 24 community organizations representatives attended the *"Get the Lead Out!"* Parent Lead Forum where 146 lead-specific cleaning kits were distributed to low-income families.

Successes/Strengths:
Thanks in part to the *"Get the Lead Out!"* program, the City of Baltimore, Maryland has taken a proactive stance on the issue of lead poisoning eradication. Via its outreach and empowerment successes, the project laid the groundwork for an ongoing blood lead testing education campaign and the adoption of a universal blood lead testing law in Baltimore City for all one and two year old children. Most important, however, is the program amplified the voice of community advocacy on lead and provided greater access to the use of legal and housing rights related to lead hazards to the target audience.

###

REGION 3

KidsGrow: An Empowerment Stewardship Program

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ993927010	*Jacqueline M. Carrera,* *Parks & People Foundation* *1901 Eagle Drive* *Baltimore, MD 21207*	*$20,000* *FY 1999*	*Environmental Stewardship*

Target Audience:
Baltimore City, Maryland youth, families, and communities.

Purpose:
To equip urban youth with the knowledge and practical skills needed, in order to become environmental activists in their own neighborhoods.

Goals:

- Assist the target audience to: understand ecological concepts; gain awareness of environmental issues and values; participate in outdoor activities that they would not otherwise experience; become proficient in scientific investigation and critical thinking; acquire the skills needed for effective action and to enjoy undertaking community projects.

Methods:

- Developed year-round classroom and outdoor instruction for Baltimore City elementary and middle school students, which emphasized hands-on environmental programs and reading skills enhancement.

- Produced newsletters for the parents of project participants and community members, in order to inform them of the students' activities, as well as increase their general level of environmental awareness.

Products/Results:
KidsGrow delivered 15 hours of program instruction each week during the 1998-1999 school year for 40-60 students. The project also provided 210 hours of instruction for 40 students during a 1999 summer camp program. Nutritious snack and/or lunches were prepared and distributed every day, via a staff student ration of 1:10. Local environmental problems were identified and solutions to these problems were designed. Educational newsletters were published, which displayed highlights of KidsGrow program activities.

Successes/Strengths:
The FY 1999 KidsGrow curriculum focused on the issue of lead poisoning. Aided by materials prepared by the Coalition to End Childhood Lead Poisoning, project participants discovered an area in their community in which residents were living in houses designated as "lead paint hazards." Both shocked and inspired by this situation, the students decided to create a model of how these houses could be detoxified of lead and rehabilitated. Further development of this project will be pursued in the future.

###

REGION 3

Mattaponi Heritage Foundation

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ99359801	*Carl Custalow, Director* *Mattaponi Heritage Foundation* *1467 Mattaponi Reservation Circle* *West Point, VA 23181*	*$20,000* *FY 1998*	*Water Quality Monitoring*

Target Audience:
Mattaponi Indian Reservation

Purpose:
To protect against threats to the tribe's livelihood by assessing and monitoring river and groundwater testing.

Goals:
- To use water quality testing as a means of determining the effects of surrounding development on the Reservation's water source.

Methods:
- Created partnerships with the Virginia Institute of Marine Science and the Alliance for the Chesapeake Bay as consulting and training resources.
- Residents received testing process training. and equipment.
- Tested water parameters every week for one year and logged results into the Reservation computer database for annual comparison with future testing, following the procedures for proper river water testing, groundwater testing, and quality control.
- Created a multimedia presentation to describe and to document testing activities.

Products/Results:
The project resulted in a consistent data set quantifying the following water parameters: temperature, dissolved oxygen, turbidity, salinity and pH.

Additionally, at the time samples were taken, the following ambient environmental conditions were also logged; speed and direction of the wind, cloud cover, tidal stage, air temperature and any anomalous conditions.

Successes/Strengths:
The Mattaponi have taken a proactive scientific approach to quantify the effects of encroaching development on their land. Training and eventual testing will give them a baseline account of their watershed's health and allow them ample time to respond to any potentially destructive influences emanating from outside their reservation. They have increased local knowledge of scientific processes and parameters while securing partnerships with local institutions to aid in their fight to maintain a pristine environment and to control the assets guaranteed by treaty.

###

REGION 3

Palmer Park Neighborhood Action (PPNAP) Program

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ99344501	*Sylvester Vaughns, President* *Palmer Park Neighborhood Action Partnership, Inc.* *7617 Greenleaf Rd* *Palmer Park, MD 20785*	*$20,000* *FY 1997*	*Watershed education/ restoration*

Target Audience:
Palmer Park community residents

Purpose:
To improve local watershed conditions through resident education, site remediation and damage prevention using the efforts of community members.

Goals:
- Restoration of the health and beauty of the community's creek.
- Improvement of water-related infrastructure
- Education of residents on watershed issues and impacts to community.

Methods:
- Held instructional sessions covering a wide range of topics including: polluters of the Potomac river, habitat assessment, watershed concepts, benthic organism identification, tidal wetlands, aquatic farming, river histories, bird and plant identification, stream surveys, Native American artifacts, tidal marshes, forest buffers, wetlands, and impacts of humans and land use on water quality.
- Utilized a variety of teaching methods including: nature hikes, presentations, canoe rides, meetings and slide shows.
- Employed the services of foundations, nature guides, project groups, non-government organizations (NGOs) and others to aid in the distribution of information to program participants. The different groups accommodated the program by tailoring their presentations to fit the goals of PPNAP's project.
- Held remediation sessions for volunteers to remove debris from streams, record amounts of trash present in streams, plant trees and mark storm drains.

Products/Results:
PPNAP effectively educated more than 310 people, held 20 project, presentation, training and field trip sessions, and stenciled all the community storm drains (121) with the message, "DON'T DUMP - ANACOSTIA RIVER DRAINAGE". They removed approximately 1.5 tons of trash from the local stream and planted 100 trees.

Successes/Strengths:
PPNAP organized a diverse set of activities to facilitate the education of its residents, cleanup of its streams, prevention of further harmful activities and communication of its local organizations. The plan succeeded by choosing educational sessions and trips that were most helpful to the watershed and to the residents. It prompted the State Department of Natural Resources Forestry Division and the Prince George's County Department of Natural Resources to commit to continuing the expansion of the forest buffer along the stream by planting more trees. Additionally, the Maryland-National Capital Park and Planning Commission began to study methods for providing landscape quality street trees to the main streets in Palmer Park.

###

REGION 3

Participatory Urban Assessment (PUA) Handbook

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ99344701	*Paul Jahnige* *Community Resources* *5131 Wetheredsville Rd.* *Baltimore, MD 21207*	*$20,000* *FY 1997*	*Environmental Stewardship*

Target Audience:
Urban community residents and professionals around the country.

Purpose:
To create a handbook useful for assessing environmental and social information that is typically used to describe communities.

Goals:

- To develop a simple, field-appropriate participatory urban appraisal method that will allow community residents to gather high quality information about their community's environmental and social conditions.
- To select an interdisciplinary team of about twenty residents, academic environmental professionals and community development professionals to develop the manual.
- Field test the method with residents and local professionals in two inner-city communities.
- Develop a PUA Handbook that can be used as a model by community residents and professionals in cities around the country.

Methods:

- Engaged in a literary search on the topics of urban planning, visioning, environmental assessment, rapid rural appraisal, and technical data collection methods and models.
- Held two workshops to form definitions and procedural strategies.
- Drafted a PUA methodology to be used by urban community leaders and environmental professionals and had it reviewed and revised by members of the PUA team.
- Field tested the manual in three separate urban communities. Worked with ten youth and adult residents in each community over a period of eight weeks.
- Assessed testing outcomes.

Products/Results:
Community Resources' efforts culminated in a handbook that will give its users a simple methodology for conducting field assessments of their communities.

Successes/Strengths:
This project is unique in that it provides a model structure so that urban minority and disadvantaged communities around the country will be able to collect, interpret and control environmental and social data about their own regions. The project employed an interdisciplinary, multicultural team to bring together community residents and local professionals on an equal footing in creating an information retrieval method. It will motivate the general public to be more conscious of their local EJ issues and involve community residents in the assimilation and understanding of data concerning their living areas.

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REGION 4
(AL, FL, GA, KY, MS, NC, SC, TN)

Appalachia-Science in the Public Interest

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ 984785	*Dr. Albert Fritsch, Director* *50 Lair Street* *Mt. Vernon, KY 40456*	*$10,000* *FY 1999*	*Environmental Stewardship*

Target Audience:
Low-income Appalachians in some of the poorest counties in America (five of the poorest are within 50 miles of Appalachia-Science in the Public Interest (ASPI) in eastern Kentucky.

Purpose:
ASPI seeks to make science and technology responsive to the needs of the lower-income people of Appalachia through environmental education and publicity. This project will address the problems of waste management caused by illegal solid waste dumping and straight pipes which go directly from bathroom commodes to nearby streams.

Goals:
- Identify waste mismanagement cases which could be solved by better technical information and policy changes.
- Teach alternatives to utilizing straight pipe which attribute to the seriously polluted creek.

Methods:
- Survey and educate the target community on solid waste management practices in the area.
- Conduct workshops on building dry compost toilets and terraced artificial wetlands in areas unsuited for septic systems, and where people of low economic means have the building skills to construct these devices.

Products/Results:
Developed a publicity program through on-site visits to each of the targeted counties. Heightened awareness of pollution prevention measures in Kentucky at a very critical period in its water and solid waste management campaigns. Organized and performed dry composting toilet/artificial wetland workshops in Harlan, Laurel and Rockcastle Counties. Developed and distributed a brochure, *"Ten Reasons for Installing Dry Composting Toilets,"* to 4,500 persons.

Success/Strengths:
State officials are now attentive and a wide range of people are talking about these viable alternatives for solid waste disposal at conferences, in personal conversations and in the media. The workshops were successful with 200 attendees over the six days of the two workshop series.

###

REGION 4

Associate of Filipino-Americans

Grant Number:	***Project Coordinator:***	***EPA Funding:***	***Focus:***
EQ984593	*Bernadette Hudnell* *517 Center Avenue* *Philadelphia, MS 39350*	*FY 1998* *$20,000*	*Pollution Prevention*

REGION 4

Associate of Filipino-Americans

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ984593	*Bernadette Hudnell* *517 Center Avenue* *Philadelphia, MS 39350*	*FY 1998* *$20,000*	*Pollution Prevention*

Target Audience:
Low income and disadvantaged families in Kemper County, MS; especially school students at Kemper County School District whose student population is approximately 95% African-American.

Purpose:
To promote hands-on training, and public education programs related to Pollution Prevention among low-income and disadvantaged families in Kemper County, MS.

Goals

- Promote recycling project at local school.
- To organize a "Pollution Prevention Team" consisting of representatives from various groups to address local environmental justice problems, enhance critical thinking, problem-solving and ensure active participation of members of disadvantaged groups in Kemper County.

Methods

- Initiate a recycling project at the Kemper County Elementary School. The students also, developed and distributed a brochure explaining the importance of proper disposal of solid waste, outlining the advantage of recycling.
- Conducted a "train-the-trainer" workshop with teachers, students and community members. Experts in the field assisted in conducting the workshop, training participants and providing outreach workers with pollution prevention techniques.
- Three other workshops were held to educate the community about toxic substances, primarily lead poisoning prevention among children.

Products/Results:
The target audience is aware and knowledgeable about solid waste reduction and recycling. They are aware of toxic chemicals/materials and how improper use and disposal of these chemicals can lead to environmental pollution. They are better able to recognize pollution sources in their environment, change practices in their daily lives, improve the quality of the environment in which they live, thus protecting the environment and promoting public health.

Successes/Strengths:
As a result of the education and training, the citizens of Kemper County, MS are able to make informed decisions about how pollution problems can be resolved. The implementation of a paper recycling project at the Kemper County Elementary School and development of a recycling brochure has empowered the students to become better stewards of the environment.

####

REGION 4

Coalition United to Restore the Environment

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ984587	*Carrie Mitchell* *P.O. Box 423* *Atalla, AL 35954*	*FY 1998* *$20,000*	*Wellhead Protection Studies*

Target Audience:
The Town of Ridgeville, Alabama, a disadvantaged, low income, minority community.

Purpose:
To conduct wellhead protection studies to determine the geologic and hydrogeologic setting of the aquifer, identify potential contaminant sources, and prepare a management plan in an effort to prevent the aquifer from being impacted.

Goals

- To increase public awareness of environmental justice issues in addition to satisfying Alabama Department of Environmental Management (ADEM) wellhead protection requirements.
- Dissemination of complex geological and environmental data in a manner that is understandable to the general public.

Methods

- Hold public meetings to present the Management Plan concept and findings from the wellhead protection study.
- Distribution of mailers and flyers to all households located within the delineated wellhead protection boundaries and door-to-door canvassing to explain the importance of wellhead protection.
- Advertisement in local newspapers presenting the concept.
- Invitation to representatives of ADEM, Alabama Rural Water Association, and other agencies and organizations to become involved in the Management Plan process.
- Research the types of wastes disposed of in the landfill and the relationship between the aquifer beneath the landfill to the aquifer in which the municipal well is installed.

Products/Results:
A progress report from a geological consultant trained to conduct the technical portions of the project. A project journal which includes information from all public meetings, project goals and milestones, discussion of responsibilities, and progress of the project. A final Management Plan to ADEM for approval within 12 months of implementation.

Successes/Strengths:
The benefits of this program include increased public awareness of environmental justice issues in addition to satisfying ADEM wellhead protection requirements. The major challenge involved disseminating complex geological and environmental data in a manner that is understandable to the general public.

###

REGION 4

Community Against Pollution

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ 984782	*David Baker, President* *1012 West 16th Street* *Anniston, AL 36201*	*$20,000* *FY 1999*	*PCB Contamination*

Target Audience:
Residents of West Anniston. West Anniston is home to approximately 8,000 people, of which 80% are African-American. This is a working class and low-income area.

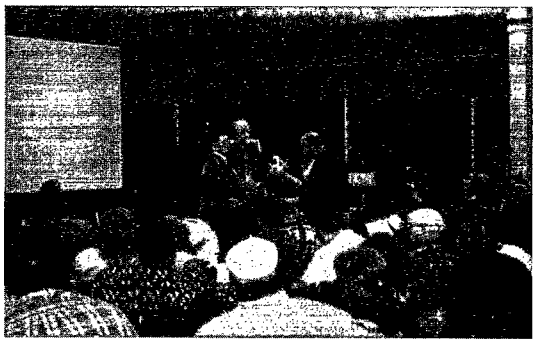
Purpose:
The community is faced with an industry that produced various chemicals and products for more than 40 years which resulted in extensive polychlorinated bipenyls (PCBs) contamination in the area. The project will research the effect of PCBs in the West Anniston community.

Goals:
- Research the current health status of residents of West Anniston, and inform the residents of the various environmental results.
- Involve the residents of West Anniston in the development of strategies to address and stop the various environmental assaults that are present.

Methods:
- Conducted house-to-house surveys and collect relative data on sources of contamination.
- Held community forums and public information activities such as interviews on radio and cable television programs regarding the health affects of PCBs.

Products/Results:
Completed approximately 1,000 health surveys while directing residents to local hospitals for testing and treatment. Participated with government agencies in assessment, remedial design and cleanup of PCB contamination. Conducted community awareness meetings to inform residents of the processes used when solid waste is incinerated, placed in landfills, and when it is recycled. There are actual and potential threats of air and ground water contamination by all three methods. Participated in several large, citywide meetings with EPA/ATSDR to bring the community up-to-date on cleanup, enforcement and other pertinent information.

Success/Strengths:
The Community Against Pollution brought national attention to the problem of PCB contamination. There were meetings with Governor Don Seigelman and Congressman Bob Riley regarding the issue. The project demonstrated the problems in Anniston to the National Environmental Justice Advisory Council by organizing a tour during the national meeting in June 2000. During the research of this project it was discovered that the West Anniston community also has a problem with lead contamination.



REGION 4

Environmental & Community Health Organization, Inc.

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ 984787	*Susan Patton* *4956 Pritchard Lane* *Independence, KY 41051*	*$25,000* *FY 1999*	*Water Quality*

Target Audience:
The Yellow Creek Community in Kentucky. The area is rural and low-income.

Purpose:
This project is to research the relationship between environmental hazards and the health of the community in Yellow Creek. The results will be analyzed and made available to the community residents and decision-makers. The community's water supply and their environmental surroundings were contaminated by several identified toxic chemicals.

Goals:

- Identify and involve all stakeholders, including existing community-based/grassroots organizational and local, state, and federal environmental programs.
- Hold community health education workshops to identify health effects, plan for future health care, and develop plans for the health assessments.
- Interview participants for the health assessments and produce reports.
- Develop an educational brochure around the historical environmental exposure and the health assessment.

Methods:

- Develop a community leadership committee to coordinate the local logistics and to be the contact during the health assessment process.
- Hold two community awareness workshops to discuss the health assessment project approach of community involvement and historical environmental exposure.
- Conduct community health assessments.
- Report results to the community and distribute brochures.

Products/Results:
Conducted 104 health assessments of participants that lived within the watershed of Yellow Creek.
The interviews included 43 males and 61 females.
Ages raged from newborn to more than 90 years.
Developed a brochure called *"Community Health Assessment Project in Yellow Creek, Kentucky."* This publication is the result of the preliminary assessments.

Success/Strengths:
The most important aspect of this work is that the community, through its heavy involvement in all aspects of the project, trusts the outcome. One benefit is that the project has now developed a prototype for community-based health assessment research.

####

REGION 4

Farmworker Association of Florida (FWAF)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ 984783-99-0	*Sister Gail Grimes* *Administrator* *815 S. Park Avenue* *Apopka, FL 32707*	*$15,000* *FY 1999*	*Farmworker Safety Standards*

Target Audience:
The multi ethnic, farmworker communities of Central and South Florida, composed mostly of Hispanic, Haitian and African-American agricultural workers.

Purpose:
To address the disproportionately high exposure to pesticides and other workplace health and safety hazards among farmworkers in Central and Southern Florida.

Goals:
- Involve farmworkers in identifying health problems which they experience in the workplace, and report cases of pesticide illnesses.
- Conduct training for pesticide handlers who have not received training.

Methods:
- Document chemicals used on crops and develop new crop sheets in collaboration with the state Bureau of Pesticides.
- Conduct monthly workplace diagnostics and/or EPA certified pesticide training with 50 farmworkers.
- Educate farmworkers on EPA Worker Protection Standards, Field Sanitation, the Florida Right-to-Know law, and other workplace safety laws.
- Maintain EPA-certified trainers on pesticides, field sanitation, mapping, pesticide handlers and other workplace hazards for farmworkers.
- Collaborate with state office to revise standards for pesticide poisoning reporting.

Products/Results:
Conducted thirty-three pesticide training session, instructing 451 farmworkers in Central and Southern Florida. Those trained have been able to identify violations and complete diagnostics and surveys on companies where violations were identified.

Success/Strengths:
Farmworkers, who have received the pesticide and field sanitation training through FWAF have become more aware of violations and of symptoms of pesticide poisoning. Evaluation of the program has been positive based on the participation of the famworkers at meetings and in training. The additional training has resulted in more inspections of companies with violations.

####

REGION 4

Justice Resource Center

Grant Number:	*Project Coordinator:*	*Funding:*	*Focus:*
EQ984589	*Rev. Louis Coleman* *3810 Garland Avenue* *Louisville, KY 40211*	*FY 1998* *$20,000*	*Environmental Stewardship*

Target Audience:
The West End of Louisville which is 80% African American and low-income.

Purpose:
To support leadership development in the West End of Louisville to identify, prioritize and respond to environmental risks.

Goals

- Inform and share information with local activists, community organization board members, Sunday School teachers and ultimately the community about environmental contamination, risks, threats, and effects.
- Study the relationship between environmental exposure and environmental disease.
- Use the Geographic Information System (GIS) to map sources of environmental pollution exposure and public environmental health information.

Methods

- Conduct bi-weekly training sessions to inform and share information with residents of the West End of Louisville.
- Train workshop participants in the proper methods of obtaining soil samples and how to use and obtain information from the Access Environmental Monitoring System.
- Survey community on the negative health hazards in the area.
- Conduct two public information meetings, one will address air pollution and health and the other will address hazardous waste sites and birth defects, developmental disabilities, mental retardation and cancer.

Products/Results:
Disseminated information to approximately 300 proactive participants. These individuals developed an active interest in the environment, volunteering in demonstrations to reduce the pollution and emissions that were coming from various industries and factories in Rubbertown. Surveys were developed and information gathered that will assist in planning the objectives to reduce negative health hazards in the area.

Successes/Strengths:
The project enabled the community to have fence line monitors placed in various locations throughout the Rubbertown area. The project was successful in getting an oil refinery to demolish and clean up an unused facility in the area thereby reducing the hazards to the water supply. This project enabled the West End community residents to develop systematic approaches to addressing their own environmental problems without relying exclusively on governmental agencies.

####

REGION 4

Neighborhood Services, Inc.

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ 984781-99-0	*Rayanthnee U. Patterson* *700 8th Avenue, West* *Birmingham (Jefferson), AL 35204*	*$14,000* *FY 1999*	*Lead Poisoning*

Target Audience:
The parents and care givers of young children located in a geographic area of the city of Birmingham, Alabama. The community is African American and low-income.

Purpose:
To address the lingering problem of lead poisoning in African American children in low income families, with an emphasis on exposure in the home or child care setting.

Goals:
- Study the health effects of lead in household products (i.e., lead based paint) and the health effect of airborne lead emissions on all children in the community.
- Develop and implement a multi media lead information campaign. This will include radio and television public service announcements, print media, and an information pamphlet geared to the Birmingham audience.

Methods:
- Conduct community Lead Awareness Seminars.
- Work with the Jefferson County Health Department to conduct site-visits and screen/test children under the age of six for elevated blood lead levels.
- Assisted community members with cleaning and repairing of the homes where lead hazards were found.
- Conduct Lead Safe Practices Seminar with community residents.

Products/Results:
Implemented a Lead Community Awareness Seminar in the Woodlawn Neighborhood. Parents were trained in the proper techniques for cleaning the home and assisting with the elimination of lead hazards. Forty children were tested for elevated blood lead levels. Culturally friendly pamphlets and other materials on lead safety were created.
Eighteen, two-day, Lead Safety Seminars were presented to the community residents. One of the seminars was a "train the trainer" seminar designed to train and equip residents with the knowledge to train others in Lead Safe Practices. A total of 108 residents has been trained. An information packet for pediatric doctors and nurses was developed and distributed and meetings were scheduled with each for follow-up.

Success/Strengths:
Worked with Birmingham News, CNN and others, on several news articles and a documentary on lead poisoning and its prevention. Established a lead hotline. Birmingham has been chosen as a pilot under the Alliance to End Childhood Lead Poisonings *"The Promise of Environmental Sampling and Righ-To-Know for Communities at Risk"* Program.

####

REGION 4

Tennessee Valley RC&D, Co.

Grant Number:	*Project Coordinator:*	*Funding:*	*Focus:*
EQ984588	*R. Michael Roden* *4511 US Hwy. 31, South* *Decatur, AL 35603*	*FY 1998* *$20,000*	*Radon*

Target Audience:
Minorities in an eight-county region of north Alabama; specifically, Hispanic immigrants, African Americans, and Native Americans.

Purpose:
To educate the residents of North Alabama who are at risk from radon and other occupational related environmental hazards.

Goals

- Provide educational information and training on the health problems associated radon.
- Focus on reducing the risks associated with environmental hazards and how and where to access assistance for those with health problems.

Methods:

- Utilization of the Indian American Education (IAE) group, and other existing minority associations and groups to provide the forums for the delivery of this educational effort
- Utilization of a web site provided by IAE to participate in their distance learning effort to reach ten states and seven countries.
- Communications in both English and Spanish, focusing on reducing the risks associated with environmental hazards and how/where to access assistance for those with health problems.

Products/Results:
Conducted educational programs in communities located in an eight-county region of north Alabama. Developed, printed and distributed environmental and health brochures. Increased environmental and health awareness in minority populations. Increased the minority population's awareness of where and how to access help.

Successes/Strengths:
Environmental concepts and norms, that have previously been low priority in this segment of north Alabama's population, will be institutionalized. Awareness of environmental health is increased . Developed a brochure called *"Water Quality: How it Works"* in both English and Spanish. Developed a child's workbook on environmental awareness called *"Squinty Flinty"* in both English and Spanish. Tennessee Valley Resource Conservation and Development (RC&D) won 1st Place for their outstanding educational display at The U.S. EPA Tri-Regional Meeting (September 1999).

###

REGION 5
(IL, IN, MI, MN, OH, WI)

Carver Community Organization

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ97512101	*Mr. David Wagner* *400 S.E. 8th Street* *Evansville, IN 47713*	*$15,000* *FY 1999*	*Environmental Education*

Target Audience:
The primarily low-income, African-American neighborhoods of Bellemeade-Bayard Park, Canal and Ballard, Evansville, Indiana. This area contains some of the oldest housing stock in the State of Indiana.

Purpose: To establish an Environmental Justice Resource center which would provide a centralized clearinghouse for education, research and environmental information. The Center will have a readily accessible body of information to enhance the community's understanding of environmental indicators and data, children's health information and would include an ozone/water quality database exchange program which identifies stationary sources of pollution utilizing an interactive database program.

Goals:
- To establish an Environmental Justice Resource Center (EJRC)in the community.
- To train local community members to utilize available data sources.
- To identify areas of environmental justice concern by integrating demographic and environmental information and disseminating it in plain English.

Methods
- Established an Environmental Justice Resource Center (EJRC) with CD programs which include linkages to EJ resource centers and databases throughout the State of Indiana and the U.S.
- Environmental education, outreach and public participation: Forward Leadership and Enhanced Assistance Program (LEAP) Workshop
- An outdoor laboratory field study was conducted in partnership with the University of Southern Indiana (USI).

Products/Results:
The EJRC provides ongoing assistance to residents including formalized structured training formats in plain language. The Carver's After School Program hosts over 200 children regularly at the EJRC. Sixteen representatives of six different Community Based Organizations (CBOs) and neighborhood associations attended the Forward Leadership and Enhanced Assistance Program (LEAP) Workshop. The classroom training and field trips involved over 90 middle and grade school student participants. Monthly meetings of 12 CBOs were conducted. Seventeen minority middle school students along with 20 USI volunteer biology and toxicology students participated. The college students served as mentors to the youth.

Success/Strenths:
As a result of the project, residents understand the negative impact of many environmental problems. Ongoing assistance, training and education empower the community. Access has been provided to environmental information in plain English to both adult and youth. Developed a "Children's Environmental Health Resource Guide" with input from the Indiana Department of Environmental Management, Vanderburgh County Public Health Department, Evansville Community Health Organization (ECHO) Community Health Clinic, Community Action Program (CAP) of Evansville, Vanderburgh Minority Health Coalition and Environkinetics, which teaches parents how to protect their children's environment.

###

REGION 5

Earth Day Coalition

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ97512301	*Ms. Anjali Mathur* *3606 Bridge Avenue* *Cleveland, OH 44113*	*$15,000* *FY 2000*	*Environmental Education*

Target Audience:
Low-income and minority neighborhoods of Lee Seville Miles, Lee Harvard, St. Clair Superior and Glenview in Cleveland, Ohio.

Purpose:
To deliver a set of environmental problem solving training modules designed to create a critical thinking framework in community residents and leaders in four target neighborhoods. These training modules focus on environmental justice and sustainability, environmental problem solving and risk assessment, environmental regulations and information access, and the use of the internet as an information resource.

Goals:
- To provide training to local residents via environmental workshops.
- To implement outreach activities for the Sustainable Cleveland Environmental Health Action Guide among neighborhood organizations media communication.

Methods:
- The Earth Day Coalition (EDC) designed and delivered training sessions on the basics of environmental justice and community-based environmental problem-solving.
- Workshops were conducted which included interactive exercises and internet-based training. Computer demonstrations included "The Chemical Scorecard," Envirofacts, Enviromapper and the Toxic Release Inventory (TRI).
- Community outreach was conducted using an extensive database of schools and churches. Over 2,700 copies of the "Action Guide" were distributed to students in local Catholic schools and area residents.
- Outreach was conducted for 1,000 children participating at Camp Forbes, a summer initiative for 9-12 year olds from the City of Cleveland's Department of Parks and Recreation
- Outreach was conducted at a day-long event for 9-12 year olds through the Interreligious Committee on the Environment and the Catholic Diocese of Cleveland. Classroom presentations were conducted throughout area schools.
- National outreach was achieved at the Right-To-Know conference co-sponsored by National Environmental Health Association (NEHA) and U.S. EPA.
- Media outreach for the "Action Guide" was conducted through print and broadcast media.

Products/Results:
A discussion on the project and the role of the "Action Guide" in community empowerment was featured throughout April 2000 on Cox, Cablevision, Tri-C and Lorain TV stations. Cleveland's feminist newspaper "What She Wants" featured a full-page article entitled "Women's Health and the Need for Environmental Health Access" in their January 2000 issue. An article entitled "Clean Environment, Healthy Communities: You can Make a Difference" was published by the Lee Harvard Times and the St. Clair-Superior News. Five EDC newsletters advertised the availability of free hard copy versions of the "Action Guide" and the internet version at www.earthdaycoalition.org.

Successes/Strengths:
This project is a successful model for other communities across America. The Sustainable Washington Alliance based in Washington, D.C. has replicated the "Action Guide" for the greater Washington area. Also, in Buffalo, New York an effort is underway to create a partnership between stakeholders modeled on the SCP partnership. The Buffalo group is working closely with the SCP partners to determine how their mission and vision was defined, and what is key to the successful functioning of this partnership. The Council of Michigan Foundations has also acquired 28 copies of the "Action Guide."

REGION 5

Great Lakes Indian Fish & Wildlife (GLIFWC)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ985966	*Mr. Jim Thannum* *P.O. Box 9* *Odanah, WI 54861*	*$19,895,* *FY 1998*	*Subsistence Fishing and Mercury Contamination*

Target Audience:
Members of eleven Native American Tribes.

Purpose:
To address the concerns of methyl mercury contamination of walleye in ceded territory lakes.

Goals:

- To provide information on fish contaminant levels to the membership of eleven tribal governments.
- To provide a practical and culturally sensitive approach to minimizing health risks and target women of child bearing age and parents.

Methods:

- Obtained information from the U.S. Food and Drug Administration (USDA) comparing federal statutes regulating mercury contamination for fish, beef and poultry products with fish advisories published by state, tribal, and federal agencies for walleye harvested from ceded territory waters.
- Collected walleye samples for testing eleven of the twenty eight lakes that have been identified by member tribes for a walleye harvest sample. Of these eleven harvested lakes, four have been tested for mercury.
- Established a tribal database for (Geographic Information System) GIS applications that compiles data on Minnesota lakes to identify mercury contamination levels to assist in determining if lakes targeted for harvest by tribal members require additional sampling.
- Updated the tribal database for GIS applications that compiles new data on Wisconsin and Michigan lakes to identify mercury contamination levels.
- Examined alternative options to illustrate and communicate mercury contaminant levels in walleye from waters harvested by tribal members using GIS mapping techniques.
- Prepared and distributed GIS maps illustrating mercury contamination levels in walleye
- Provided health information regarding consumption advice to tribal members harvesting fish from ceded territory lakes in Minnesota, Wisconsin and Michigan.

Products/Results:
Wisconsin and Michigan databases were updated with all available data. GIS maps depicting mercury contamination of walleye in lakes harvested by seven member tribes were created. A supply of these color coded maps were provided to tribal registration stations so that tribal members could pick them up along with a nightly spearing or netting fishing permit. Included on the reverse side of the maps was background information about mercury and advice to consider when eating fish.

To view these maps online go to www. glifwc.org

Successes/Strengths:

Created a baseline assessment of mercury contamination of walleye in ceded territory lakes. Provided easy-access to information on mercury contaminant levels and health and consumption advice to tribal members.

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REGION 5

Indianapolis Urban League

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ975124	*John Mundell* *850 North Meridian Street* *Indianapolis, IN 46204*	*$15,000,* *FY 1999*	*Air Quality*

Target Audience:
The low-income and minority communities located in Marion County, Indiana

Purpose:
To develop a working Geographic Information System (GIS) Environmental Resource Center database for air emissions data for Marion County, Indiana.

Goals:
- To assess where and to what extent low-income and minority populations are exposed to a greater proportion of industrial emissions.
- To develop a preliminary health risk assessment of specific key sectors of Indianapolis known to be low-income, mixed race, and close to industrial and Superfund sources.
- To provide the GIS database to the Indiana Department of Environmental Management, the Marion County Department of Health and the Indiana State Department of Health, in order to facilitate their environmental health-based decision-making processes.
- To make the database available to the public and present environmental information via a workshop.

Methods:
- The Indianapolis Urban League Environmental Coalition (IULEC) developed a working GIS Environmental Resource Center database for air emissions data for Marion County, Indiana, in partnership with the Indiana University School of Public Health and Environmental Affairs.
- A relational analysis among potential chemical source types and locations along with demographic data was performed and utilized to identify geographic areas of concern as well as populations at risk for the local community.
- Community Workshops were conducted presenting the results of the EJ study performed as well as providing additional information on the impacts of air toxics on human health. The workshops were attended by local community members, students of Martin University and filmed by the local public access television station. The program was subsequently shown multiple times during December 2000 reaching an estimated public audience of 400,000 in central Indiana.

Products/Results:
The results of this analysis were drafted into a technical publication entitled "Race, Income and Toxic Air Releases in Indianapolis, Indiana" and presented at the 21st annual meeting of the Society of Environmental Toxicology and Chemistry in November 2000. The IULEC completed the identification of chemicals of concern and their potential health impacts for a geographic sector of Marion County where potential impacts to low-income and minority populations are considered greatest. The results of this study have been drafted in the report "Assessment of Risk From Hazardous Air Pollutants in Southwestern Indianapolis" and are being reviewed for presentation at an upcoming nation meeting. These results have drawn attention to this area as the potential site of future research including an increase of long-term air monitoring and an evaluation of actual health data. A GIS data disk was created and disseminated as well as videotapes of the news coverage of IULEC's press conference and the two educational programs.

Successes/Strengths:
Providing public access to environmental information and health impacts reaching an estimated audience of 400,000 in central Indiana. Formation of the (IULEC) which includes members from non-profit, education, governmental, and private sector organizations concerned with providing a healthy environment for citizens of Indiana.

###

REGION 5

Project Vida

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ985535-01	*Dr. Howard Ehrman* *2856 South Millard Avenue* *Chicago, IL 60623* *www.lvejo.org*	*$20,000* *FY 1997*	*Education/* *Environmental* *Stewardship*

Target Audience:
The Hispanic community known as "Little Village" located in Chicago, Illinois.

Purposes:
To develop a participatory, interactive Environmental Justice (EJ) project for Little Village.

Goals:
- To create an EJ youth and family organization in the community.
- To conduct a community environmental inventory of toxic sources in and around Little Village.
- To develop educational materials and hold community forums around a neighborhood brownfield site with Superfund status pending.

Methods:
- Community outreach and meetings were conducted on EJ and environmental topics, resulting in the decision to create an EJ youth and family organization to be housed in the local Boys and Girls club. A non-profit 501(c)(3) organization, Little Village Environmental Justice Organization (LVEJO) was formed.
- A home toxic and asthma trigger inventory was conducted and a curriculum developed that emphasizes pollution prevention and risk reduction activities.
- A mural program was developed integrating EJ issues with cultural themes of the community.
- A community-based environmental inventory of toxic sources in and around Little Village was undertaken in partnership with Citizens For a Better Environment.

Products/Results:
- "Little Village Guide to Toxic Pollution" was developed and distributed widely.
- A mural was painted by local youth in the community depicting EJ in the community.

Successes/Strengths:
Community residents were educated on toxic releases in Little Village and empowered to form their own community based, non-profit organization to address environmental justice issues and concerns.

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REGION 6
(AR, LA, NM, OK, TX)

Esperanza Peace and Justice Center
Environmental Justice Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ 996819-01	*Enrique Valdivia,* *Esperanza Peace and Justice Center* *922 San Pedro* *San Antonio, TX 78212*	*FY 1997* *$20,000*	*Air Pollution and Solid Waste*

Target Audience:
Low-income African-American community in Eastside San Antonio, Texas, and the Martinez neighborhood, a racially mixed low-income area.

Purpose:
To address air pollution and solid waste problems through community education and organizing grassroots efforts in an area that is home to a high number of the cities' dirtiest industries and one of Bexar County's largest landfills.

Goal:
- Provide community education and enhance empowerment of Eastside and Martinez residents regarding environmental conditions in their neighborhoods
- Promote a cleaner means of power generation and encourage the relocation of the Deely coal burning power plant, a huge producer of contaminations into the Eastside neighborhood

Methods:
- Conduct two surveys of households in the target communities to investigate the health problems and environmental concerns.
- Produce two "State of the Neighborhood" environmental reports containing public data, survey results and an overview of toxicology information relevant to neighborhood exposures.
- Present the reports at workshops for neighborhood residents.

Products/Results:
Monthly meetings were held, during which, information was provided on the environmental and health effects of coal-fired power plants and the State complaint process. A Clean Air Summit/Spruce Power Plan Tour was held and 50 people participated in the Summit, while 30 went on the tour. A "State of the Neighborhood Conference" was held near the surveyed neighborhoods, drawing 50 people and receiving excellent press coverage. Health surveys were taken of the two neighborhoods using college and high school volunteers. In the Eastside neighborhood, 161 households were surveyed, and in the Martinez neighborhood, 88 individuals were surveyed. The two "State of the Neighborhood" reports were compiled based on information from the surveys.

Successes/Strengths:
As a result of the project, residents understand the negative impacts of many environmental problems. The neighborhood groups have formed alliances and have worked hard to have a voice in decisions affecting their environment.

###

REGION 6

Mothers for Clean Air
Houston's Fifth Ward Cleaner Communities for Better Health

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ991035-01	*Jane Laping* *3015 Richmond Ave., Suite 270* *Houston, TX 77098*	*FY 1999* *$15,000*	*Air Pollution and Children's Health*

REGION 6

Mothers for Clean Air.
Houston's Fifth Ward Cleaner Communities for Better Health

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ991035-01	*Jane Laping* *3015 Richmond Ave., Suite 270* *Houston, TX 77098*	*FY 1999* *$15,000*	*Air Pollution and Children's Health*

Target Audience:
Low-income African-Americans in Houston's Fifth Ward exposed to harmful effects of air pollutants (ozone, toxins and particulate matter) from industrial sources and auto emissions.

Purpose:
To expand the organization's activities by increasing community awareness of air and solid waste hazards. Involving the community in identifying environmental justice issues by gathering information about pollution sources in and near the community and identifying solutions to these problems

Goals:
- Enhance community understanding of environmental and public health information systems.
- Improve communication between the elementary schools and community members when there are high ozone days.
- Educate the community about the adverse health effects of ozone and the importance of keeping the children indoors on days of high ozone concentrations.

Methods:
- Hold a workshop to train the community on accessing the environmental databases and public health information via the Internet.
- Notify elementary schools when high ozone days are expected so that the principals will keep the children indoors.
- Hold a public Environmental Justice Workshop and Tour to help residents understand local environmental justice problems.
- Tour hazardous waste sites to enhance understanding of the issues through first-hand knowledge.

Products/Results:
Fifteen meetings were held in the community where the volunteers practiced organizational skills, learned about the community's environmental problems and planned future educational activities. Twenty community members toured the five Superfund sites and Ship Channel industries affecting the environmental quality in the area. Professionals taught the participants about the health affects associated with particular pollutants found during the tour. Ten people attended a three-day Internet training session so that they may continue their environmental education. Presentations on ozone education were made in several local day care centers.

Successes/Strengths:
A great interest in air pollution has been created. A children's photography workshop was held, and fifteen of the best photos of pollution in the neighborhood were made into a calendar. Twenty-five neighborhood people attended an Environmental Justice Workshop.

###

REGION 6

Improving Environmental Health and Justice in a Border Community

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ986402-01-0	*Victoria Simons* *Border Environmental Health Coalition* *P.O. Box 134* *Mesilla Park, NM 88047*	*FY 1999* *$14,965*	*Environmental health and environmental justice issues.*

Target Audience:
Low-income Hispanics in a colonia in Dona Ana County, New Mexico

Purpose:
To develop a prototype program that will assist low-income minority communities analyze and cope with environmental health and justice issues. Many health problems are related to the concentration of dairies in the county and the fact that many of the residents have no household water or wastewater infrastructure

Goals:
- To teach the community to identify local environmental justice problems and involve the residents in finding solutions to address these concerns.
- The community will also be given an understanding of environmental and public health information systems and pollution in the community.

Methods:
- Work with La Clinica de Familia and its promotora (lay health promoters) program to provide community outreach and environmental health information.
- Hire a bilingual community resource person to work directly with the community.
- Develop a bilingual directory of state and local agencies providing assistance to the low-income residents.

Products/Results:
The community resource person helped the residents to understand and solve environmental health problems in their community. She was more successful in approaching the individual families in their homes, rather than in community meetings. She helped raise their awareness and their confidence to express their ideas and concerns about their environment

Successes/Strengths:
The bilingual directory has been very valuable to the community. Lessons have been learned from the project that will enable the group to develop an improved program for additional efforts within the community.

###

REGION 6

Physicians for Social Responsibility

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ-996870-01	*Beatriz E. Vera* *1100 N. Stanton, Suite 805* *El Paso, TX 79902*	*FY 1997* *$20,000*	*Childhood Respiratory Health*

Target Audience:
The poorest residents, primarily Hispanic, living in the U.S.-Mexico border area who often live in the most environmentally contaminated neighborhoods.

Purpose:
To research, write, and publish a Parent's Resource Guide on Childhood Respiratory Health.

Goals:
- To increase communications and cooperation between U.S. and Mexican physicians and facilitate citizen understanding of and input into the region's environmental health policies.
- Identify treatment and prevention measures in order to arrive at a binational understanding of the treatment and prevention of environmentally-caused illness and respiratory health.

Methods:
- Establish a Resource Guide Workgroup including representatives from the local community and environmental groups from both sides of the border to help develop the Resource Guide.
- Distribute, to 3,000 regional public health officials, government officials, community groups and the media, a binational, three-year Pediatric Asthma Study, the basis for Resource Guide.
- Structure the bilingual Resource Guide in ordinary language to give parents the information they need on their children's environmental health issues and public health information systems.
- Conduct community outreach to generate interest in air quality and hazardous substances.
- Distribute 1,500 Resource Guides to the public.

Products/Results:
The Pediatric Asthma Study was completed, translated, and distributed to more than 3,000 public health officials, community groups, etc. The Resource Guide was developed partly from the Pediatric Asthma Study and the data it provided. Extensive outreach was conducted on both sides of the border to interest people in this data and in the fact that a parent-friendly resource guidebook was to be produced. After the Resource Guide was finished, it was translated into Spanish and field-tested among five community focus groups.

Successes/Strengths:
The Resource Guide has proven to be an invaluable tool for families. The project provided an excellent learning experience for health professionals treating low-income Hispanic families.

###

REGION 6

Taos Pueblo Environmental Health Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ986097-01	*Steve Dickens* *River Watch Network* *153 State St.* *Montpelier, VT 05602*	*FY 1998* *$20,000*	*Environmental health and water quality*

Target Audience:
Native Americans primarily in the Taos Pueblo in Northern New Mexico.

Purpose:
River water from the Rio Grande watershed is the primary source of drinking water, water for ceremonial bathing purposes and for fish (a dietary staple). The river water flows through heavily contaminated non-native communities. The safe water needs of the Pueblo must be addressed.

Goals:
- Assess the health risk of river and aquatic life contamination, and assess the health status and exposure to contamination by residents in the pueblos.

Methods:
- Train Taos Pueblo Environmental Office (TPEO) staff and volunteers to design, administer, and analyze survey data from cross-sectional epidemiologic health and river water use surveys, interpret epidemiologic data and understand and prioritize community health risks.
- Develop, conduct, and interpret health surveys.
- Coordinate community meetings to disseminate the survey results and provide advice on risk reduction strategies.

Products/Results:
Several TPEO staff members were trained to design a health survey, and three summer interns administered the survey to 51 respondents in July 1999. The remaining TPEO staff was trained in entering the data into statistical software. A new streamlined survey was then developed and administered to more than 200 participants. Information gained will have beneficial impacts on health planning. The survey showed that 94% of the Pueblo residents drank from the river. Of these residents, 47% percent said that the river water was their primary source of drinking water, and 27% said it was their only source of water. Ninety percent of respondents ate fish from the river. The survey suggests that there are many problems related to consumption of river water.

Successes/Strengths:
The surveys have provided invaluable data regarding subsistence fishing and how health is impacted if water is contaminated. The TPEO staff and interns received excellent training during this project, and the community members achieved a clearer understanding of the dangers of contaminated water.

###

REGION 6

University of Texas Health Science Center at San Antonio
Environmental House Calls

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ-986205-01-0	*Claudia Miller* *7703 Floyd Curl Drive* *San Antonio, TX 78284*	*FY 1998* *$15,000*	*Childhood Asthma*

Target Audience:
Low income Hispanic families in Laredo, Texas.

Purpose:
To implement a pilot project to: (1) assist the poor Hispanic population in improving residential environmental conditions adversely affecting the health of their children; (2) train physicians and nurses in environmental medicine and (3) address the rising prevalence of asthma.

Goals:
- Develop a standardized protocol for performing environmental house calls to be used as an educational tool for teaching medical and nursing students.
- Evaluate the possible sources of contaminants causing respiratory problems in low-income Hispanic households, and teach the families how to prevent and eliminate those problems.

Methods:
- Perform at least 45 environmental house calls to examine homes for sources of air contaminants associated with respiratory problems.
- Conduct a second visit to make additional analyses, such as the presence of carbon dioxide and allergens in dust, particulate matter and molds, as well as the presence of lead, radon and asbestos.
- Conduct a third visit to discuss with the residents the possible sources of contamination, to answer questions, and to suggest ways of improving the environmental and physical health of the household.
- Develop a cartoon-style educational pamphlet in English and Spanish illustrating environmental problems in the home as a teaching tool for the families.

Products/Results:
This project has created a model program for engaging medical, nursing and public-health students in visits to the homes of children with asthma. Fifteen families of children with asthma participated in the Environmental House Calls. Three visits were made to each family and the families gave information for a health questionnaire. A comic book-style pamphlet on asthma was developed in Spanish for use of the participating families and for health fairs in Laredo.

Successes/Strengths:
The project delivered targeted assistance to the low-income families who participated, and provided a unique learning experience for those studying for medical professions. Valuable health information was imparted to the families, and the health professionals received important information on the problems of asthma in this community.

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REGION 7
(IA, KS, MO, NB)

Community-Based Master Planning Project
Nebraska State Recycling Association

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ997482-01	*Kay Stevens* *1941 South 42nd Street #512* *Omaha, NE 68105*	*$19,945* *FY 1997*	*Environmental Stewardship*

Target Audience:
Neighborhood associations located within the Omaha Enterprise zone, Omaha, Nebraska.

Purpose:
To make useful environmental and ownership data regarding soil and water pollution, readily available to neighborhood leaders of Omaha, Nebraska.

Goals:
- To support neighborhood management of selected redevelopment projects.
- To support environmental sustainability in the targeted area.
- To develop a simple data collection system for "address-based" environmental and planning data.
- To further develop the long term goal of implementing "Neighborhood Master Plans" that identify the unique and available resources of the targeted areas, pinpoint environmental and infrastructure factors that depress property values, and define corrective action plans.

Methods:
- Develop Data Collection procedures and design data collection forms for integration into a GIS- based system.
- Field test procedures and forms.
- Compile a Training Manual for neighborhood associations.
- Present results at a public meeting at the conclusion of the project to explain how inner-city property owners can use the GIS environmental and planning data to guide redevelopment projects.

Products / Results:
Creation of a "Neighborhood Profile" documented 61 neighborhoods in the target area, based on telephone and personal interviews with all organizations. A population of 148,277 resides within the target area.

Successes / Strengths:
The "Neighborhood Profile" document provides a foundation for the future establishment of "Neighborhood Master Plans" and increases awareness of neighborhood associations and inner-city property owners on future planning with regard to potential environmental issues.

####

REGION 7

Environmental Justice Tool Kit
Metropolitan Energy Center (MEC)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ997729-01	*Robert Housh* *3808 Paseo* *Kansas City, MO 64109*	*$12,465* *FY 1999*	*Pollution Prevention*

Target Audience:
Metropolitan Kansas City area with an emphasis on minority and/or low income neighborhoods.

Purpose:
To develop a tool kit for other neighborhoods to use to develop their own environmental justice efforts through a community-based approach.

Goals:
- Improvement in communication and coordination among stakeholders regarding a community-based approach to environmental justice issues.
- Enhance community understanding of environmental and public health information systems through increased community education and awareness.

Methods:
- Develop a Workbook to provide a process oriented, step by step aid for communities to develop their own neighborhood planning programs dealing with environmental justice and sustainable community planning.
- Develop and distribute a CD Rom and Video Tape as a companion to the workbook, to serve as a marketing tool for participating communities to develop support and resources for their own planning efforts.
- Development of an extensive Website with space reserved for the Environmental Justice Tool kit giving users access to downloadable information, links to other relevant web sites, and a chat room for networking and communication with other stakeholders and participants.

Products / Results:
Follow up activities include various efforts to measure and evaluate the impact and effectiveness of this resource. Theses activities include:
- providing the tool kit to 75 different communities;
- getting 2,408 "hits" on the website that relate to community activity.
- surveying the resources listed in the workbook for contact by communities receiving tool kit.
- coordinating the tracking of the tool distribution with EPA distribution and activity.

More kits will be given to local neighborhood associations in the urban core through a workshop that links the MEC's latest grant project-weatherization, or home energy education and training.

Successes / Strengths:
Providing an easy-to-use, interesting kit that helps people learn about environmental justice issues in their community and helps them to take action as well.

The tool kit can help them to begin to build support networks in other communities with similar issues. Another strength is partnering with EPA at their annual grant workshops to present the tool kit to other community-based organizations dealing with EJ issues.

###

REGION 7

Haskell Natural Resources Program

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
PJ997233-01	*William Welton* *Haskell Indian Nations Univ.* *155 Indian Avenue* *Lawrence, KS 66046*	*$45,000* *FY 1998*	*Pollution Prevention*

Target Audience:
Students at Haskell Indian Nations University that represent 140 American Indian communities and reservations, including local reservations.

Purpose:
To improve the environmental conditions within American Indian communities and on reservations through public education, decision-making, problem-solving, training, and partnerships.

Goals:

- To reduce waste by targeting dormitory and food service wastes.
- To conduct an intensive safety inspection and formulate a conservation safety plan for the natatorium at the Coffin Complex targeting chlorine gas, usage and storage.
- To educate students on other environmental topics.

Methods:

- Development and enhancement of public and private partnerships, specifically between Haskell Indian Nations University and other colleges, high schools, and private enterprises.
- Provide on-site workshops and training at Reservations or urban concentrations for selected topics including: water quality/wellhead contamination; Riparian values/forest harvest/wetlands; bio remediation techniques and benefits; Riparian forest buffers/intensive agriculture; Toxic Waste Abatement and strategies for prescribed and wildfire management.

Products/Results:
An end product of the project were partnerships between public and private agencies that continue to work on resolving environmental concerns. Tribes in the area developed methods of monitoring the water supply to assure its safety. Standards were established to handle spills that might damage water supplies. Tribal communities were educated on how they can prevent and resolve pollution issues in their communities.

Successes/Strengths:
At the completion of this project the Haskell Indian Nations University, Haskell Natural Resources Studies group held workshops on the Kickapoo and Potawatomi reservations.

A summer camp was held for Native American high students which allowed students to participate in hands-on measurement and evaluations of water quality which increased their sensitivity to daily actions resulting in the prevention of pollution.

A study was started with the Kickapoo and Potawatomi tribes for emergency response measures to chemical spills and bioremediation by organizing water sampling and testing. Pollution prevention issues were covered to help protect the two tribes' water sources.

Partnerships were developed with several Indian tribal leaders and elders from various tribes including Onodaga, Arikara, Potawatomi and Cherokee. These leaders gathered on the Haskell Indian Nations University Campus for four days of traditional training and sharing of information between students and interested individuals from the Lawrence community.

####

REGION 7

Raising Awareness on Environmental Hazards at Home in Immigrant Communities in St. Louis

School of Public Health - Saint Louis University

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ997635-01	*Fernando Serrano* 3663 Lindell Blvd. St. Louis, MO 63108	*$20,000* *FY 1998*	*Lead and Carbon Monoxide Education*

Target Audience:
Low income immigrant Hispanic, Vietnamese, Russian, Bosnian, and Herzegovinian communities of St. Louis, Missouri.

Purpose:
To raise awareness and educate low income immigrant communities, not proficient in English, about environmental hazards at home.

Goals:
- To educate and raise awareness on environmental hazards for low income immigrant communities.
- Building community capacity by providing information and recommendations for prevention and control of environmental hazards.

Methods:
- Research, design and review of the environmental health literature concerning lead poisoning, indoor air pollution, and household hazardous products.
- Testing of pilot brochures with small focus groups comprised of residents of the target audiences.
- Distribution of brochures and providing workshops on environmental hazards to the target audience.

Products/Results:
- The project produced brochures on lead, indoor air and home products in the languages of the populations listed.
- Distribution of these brochures were made through workshops at health centers.
- Workshops on environmental hazards at home and the use of brochures are conducted in selected health centers.
- The current plan is to review the publications on lead poisoning, indoor air pollution, and household hazardous products to keep information up-to-date.

Successes/Strengths:
The Saint Louis University, School of Public Health has produced a valuable product to be used within the immigrant community of St. Louis, MO.

####

REGION 8
(CO, MT, ND, SD, UT, WY)

Cache County Spanish Education of Water Quality & Solid Waste Services

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ988075-01	*Jill Galloway* *City of Logan* *Department of Environmental Health* *950 West 600 North* *Logan, UT 84321*	*$5,000* *FY 1999*	*Hazardous Waste* *Disposal Water Quality*

Target Audience:
Hispanic residents of Cache County, and neighboring communities of Tremonton and Brigham City in Utah.

Purpose:
To educate the community's Hispanic population on the proper methods of hazardous waste disposal, water quality issues and benefits of recycling and composting.

Goals:
- To establish connections with people affiliated with Hispanic groups within the community.
- To participate in organized community events as a potential avenue for communicating with members of the Hispanic community.
- To enhance the Hispanic community's overall understanding of key environmental and public health issues
- To improve communication and facilitate the flow of information among community groups.

Methods:
- Create pamphlets written in Spanish and establish connections with Hispanic groups in the community who distributed the pamphlets to the community.
- Participate in organized community events to increase awareness of hazardous waste disposal, water quality issues and benefits of recycling and composting.
- Oversee the success of the program through monitoring the number of pamphlets distributed, keeping track of inquiries and informational polls.

Products/Results:
Four different pamphlets were created and written in Spanish. The pamphlets focused on the separate issues of recycling, green waste (composting), water quality, and household hazardous waste disposal. There were 10,000 copies made of each pamphlet. The pamphlets were distributed at a number of schools, grocery stores, restaurants, Hispanic businesses and employers, and neighboring cities.
A 24-hour Spanish hotline was set-up to assist Hispanics with environmental questions.

Successes/Strengths:
The Hispanic leaders were excited to see the government's support and participation in their well-being. The community is very hopeful that the relations formed through this program will strengthen and unify the community.

###

Environmental Justice Small Grants Program

Emerging Tools for Local Problem-Solving 2nd Edition

REGION 8

Environmental Analysis Training for Northern Great Plains Native American Nations

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ998669-01	*Benjamin Whiting* *P.O. Box 8* *Mission, SD 57555*	*$20,000* *FY 1997*	*Water Quality, Toxic Substances, Hazardous Waste*

University of Nebraska - Lincoln

ENVIRONMENTAL ANALYSIS TRAINING

for the Northern Great Plains Native American Nations

Sponsored by
Sinte Gleska University –
Environmental Science and Conservation Program
and the
University of Nebraska - Lincoln
Civil Engineering Department and UNL Water Center

June 15-16, 1998 - Basic Course
June 18-19, 1998 - Advanced Course
Pablo, Montana at
Salish-Kootenai College Campus

July 13-14, 1998 - Basic Course
Pierre, South Dakota at the
Joe Foss Building, Floyd Mathews
Environmental Education Center

July 16-17, 1998 - Advanced Course
Mission, South Dakota at Sinte Gleska
University Campus, Science Center

REGION 8

Environmental Analysis Training for Northern Great Plains Native American Nations

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ998669-01	*Benjamin Whiting* *P.O. Box 8* *Mission, SD 57555*	*$20,000* *FY 1997*	*Water Quality, Toxic Substances, Hazardous Waste*

Target Audience:
Members of the tribes of the Northern Great Plains (Rosebud, Oglala, Cheyenne River, Standing Rock, Yankton, Ft. Thompson, Lower Brule, Lake Traverse Sioux, Santee Sioux, Winnebago, Omaha and Tribes in Wyoming, Montana and North Dakota), tribal faculty and students, tribal and state water quality technicians.

Purpose:
To train personnel from Native American tribes, located in the Northern Great Plains Region, in the collection and analysis of environmental data.

Goals:
- To provide ways of gathering and exchanging information on environmental techniques while encouraging participants to network and establish new partnerships.
- To advance technical skills and improve communication and information networks between resource professionals, tribal and state technicians and students.
- Teach participants to use environmental data to make decisions relating to pollution prevention and sound environmental management.

Methods:
- Train Native populations in the skills of collection, interpretation, and analysis of environmental data through workshops.
- Workshops to introduce the participants to the collection and interpretation of environmental data with a focus on advanced methods of collection and data analysis. Each workshop was held twice.
- A workbook was created for trainers to use while instructing classes.

Products/Results:
Presented four "hands-on" workshops to the Northern Great Plains tribal members about the collection and interpretation of environmental data. The workshops combined classroom lectures, hands on laboratory and field sampling, and Quality Assurance/Quality Control concepts. Created two separate workbooks to use in each workshop. One workbook entitled, "Integrating Quality Assurance into Tribal Water Programs," was developed for trainers to use while instructing classes on water quality data collection.

Successes/Strengths:
The workshops, which were held at both Pablo, Montana at Salish-Kootenai College and Mission, South Dakota at Sinte Gleska University Campus had 20 and 25 participants, respectively. Most participants were students with environmental science backgrounds or technicians employed by a tribal or federal environmental management agency. Tribes came from North Dakota, South Dakota and Montana. After the workshop, participants were asked to evaluate the workshops. They rated the workshop from very good to excellent.

###

REGION 8

Costilla County Committee for Environmental Soundness
Culebra Basin Mining Contamination Response Plan

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ988070-01	*Rachel Conn* *PO Box 37* *San Luis, CO 81152*	*$15,000* *FY 1999*	*Water Quality*

Target Audience:
Low-income residents of the Culebra Basin, San Luis Valley in Colorado.

Purpose:
To provide the community with an information source for possible contamination problems. The response plan includes providing contact names, numbers and general information about geology, hydrology and water sampling events.

Goals:
- To monitor Battle Mountain Gold Mine's impact on water quality in the San Luis area and design a mining contamination response plan.
- Help the community develop an emergency response plan to prepare for the possible contamination of the community's principal drinking water.
- To provide baseline data for water quality conditions and assess the present contamination situation by collecting and bringing together water quality data on the Rito Seco Watershed.
- To provide toxicology information on the contaminants present at the mine site and research contaminant and treatment technologies.
- Develop a network of people, organizations and agencies.
- Create community awareness about the mine site and associated water quality issues.

Methods:
- Designed the Culebra Basin Mining Contamination Response plan, which helps the community prepare for possible contamination of the community's principal drinking water system. The plan will also be used as an educational tool to address water contamination problems.
- Improved coordination and communication between stakeholders, local and state government and the Battle Mountain Gold Mine.
- Increased awareness and enhanced the community's understanding of environmental and public health systems through publication of newsletters.

Products/Results:
The response plan is a useful tool, which will be crucial in the event of contamination of San Luis' wells. The response plan also defines wells which have already been contaminated. The newsletter was a valuable tool in teaching the community about the contaminants in the community and providing them with information.

Successes/Strengths:
The water quality data is an important tool to help analyze the quality of the water in the Culebra Basin. The response plan established a network of information for the community to use in case of a contamination event.

###

REGION 8

Household Hazardous Waste Education Program

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ998895-01	*Sandy Strum* *Grand Valley Earth Coalition* *PO Box 2303* *Grand Junction, CO 81502*	*$18,671* *FY 1998*	*Hazardous Waste and Water Quality*

Target Audience:
The community of Grand Junction, Colorado.

Purpose:
To create a comprehensive household hazardous waste education program and establish a facility designated for the collection of hazardous waste.

Goals:
- To create a program to target the Grand Junction area and neighboring communities.
- To create a program that would involve middle and high school students who would perform a waste audit at their schools.
- To create working relationships among teachers, businesses and the community.
- To create a newsletter to be distributed through a local newspaper. The newsletter will contain important information concerning household hazardous waste.

Methods:
- Develop literature and public service announcements to enhance the communities' understanding of household hazardous waste.
- Design and maintain a website offering the community information on hazardous waste.
- Create a brochure, listing important information and people to contact.
- Create a teacher internship program to facilitate the communication and information exchange between teachers and businesses.

Products/Results:
The program created brochures and a website which will continue to provide information and contact names and numbers to the public. The internship program created an environmental curriculum and helped develop relationships between teachers and businesses. The youth auditor program involved four high schools and two middle schools, and instructed the students about dealing with hazardous waste. A 30-second video was made for use in public service announcements on television.

Successes/Strengths:
The program made a concentrated effort to reach the public. Public service announcements on television, radio and newspapers reached a large audience. The internship program and the youth auditor program facilitated education between students and members of the community.

###

REGION 8

Northeast Denver Housing Center
Denver's Environmental Education Initiative

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ998668-01	*Clementine W. Pigford* *1735 Gaylord Street* *Denver, CO 80206*	*$20,000* *FY 1997*	*Clean Water and Clean Air*

Target Audience:
African-American and Hispanic inner city low-income families in Northeast Denver, Colorado.

Purpose:
To develop a program that provides environmental education for low income, inner city minority residents and a public forum of recognizing best practices for sustainable growth.

Goals:
- To educate low-income residents to understand that indeed they can buy, lease, and live in housing that adheres to environmental protection guidelines.
- To demonstrate to inner city residents that energy efficient homes are possible for everyone.

Methods:
- Develop guidelines for an annual program on "green homes;" advise educators, and conduct demonstration workshops.
- Develop community awareness through a public forum, which will recognize and celebrate environmentally friendly public policy and private products (such as recycled building products).
- Develop a community advisory board to identify, prioritize, and find solutions to environmental issues.

Products/Results:
Sponsored a play entitled "Garbage Stew", in which children participated and learned about the evils of pouring "garbage" down sewers and storm drains. Showcased a green home in Parkhill, which featured keeva foundation, tamko shingles, bamboo flooring and other environmentally-friendly home construction methods. Taught the audience the dangers of exposure to unhealthy air, water and paint through plays with child actors. Sponsored a three hour seminar entitled "Lead Based Paint" and conducted site visits for residents.

Successes/Strengths:
The construction of the "green home" allowed the residents of this community to look over an affordable and environmentally-friendly home in their neighborhood. Also the community in this neighborhood was informed about the dangers and alternatives to various environmental problems (such as taking household hazardous waste to a proper facility rather than dumping it down the drain).

REGION 8

Northeast Montana Water Quality Information and Education Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ998878-01	*Dallas Johannsen* *Eastern Plains Resource Conservation and Development Area, Inc.* *123 West Main* *Sidney, MT 59270*	*$20,000* *FY 1998*	*Water Quality*

Target Audience:
The people living in the Missouri River Watershed below Fort Peck Dam in Montana.

Purpose:
To focus on surface water quality issues of the 110 streams that feed into the watershed.

Goals:
- To identify, gather and interpret existing data from the 110 streams in the watershed.
- To determine the need for additional sampling points if enough data is not already available.
- To hold public information meetings to determine the interest in developing a local watershed plan.

Methods:
- Creating an inventory of the data on each stream and river to determine the number of streams and rivers which are susceptible to pollution.
- Additional sampling and analysis to assess the water quality and identify the susceptible streams.
- Provide the information to the residents of the watershed, and discuss the need to design a watershed plan to address local concerns.

Products/Results:
An inventory was created of the Lower Missouri Watershed. The watershed included Daniels, Dawson, McCone, Prairie, Roosevelt, Richland, Sheridan, and Valley counties and the Fort Peck Indian Reservation. The watershed is comprised of eight sub-basins, 110 streams and rivers and covers 11,465 square miles of land. The inventory determined that nearly all the streams were impaired. Educational/informational meetings were held with individuals from each of the eight counties and the Indian reservation. Pamphlets were also printed with detailed information on the project.
Educational classes were held at various schools throughout the area about the surface water quality of this section of the Missouri River Watershed.

Successes/Strengths:
The program inventoried and determined the quality of the streams and rivers in this community. The educational/informational meetings created community awareness and interest in the Lower Missouri Watershed area. Discussions are currently taking place on the development of a watershed plan for the Red Water, a sub-basin.

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REGION 9
(AS, AZ, CA, GM, HI, NV)

African American Development Association

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ999681-01-0	Allen Edson 1212 Broadway Oakland, CA 94607	$19,000 FY 1997	Hazardous Materials

Target Audience:
Community of West Oakland in a mixed land use area.

Purpose:
To provide education and outreach in collaboration with the city of Oakland, Office of Emergency Services to residents in West Oakland.

Goals:
- Address the disproportionate risks from potential accidental chemical releases in mixed use areas
- Educate community members to increase their capacity to identify and implement activities to address environmental justice problems

Methods:
- Conduct site assessment to identify West Oakland area "hot spots."
- Conduct meetings to present assessment information to the community.
- Train community leaders to identify and read placards for transporting hazardous materials in trucks

Products/Results:
Community leaders in high risk areas of West Oakland received "train the trainer" emergency preparedness classes from the City of Oakland Office of Emergency Services. GIS maps identifying areas of hazardous materials were created and made available to the community. A Transportation Hazard Assessment Report was developed.

Successes/Strengths:
The increased involvement of community based trainers and community representatives and environmental authorities is an indication of successful collaboration. The community members have become much more informed and can interact and advise the appropriate regulatory agencies.

###

REGION 9

Community Environmental Promotion Project

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ989412-01-0	*Pao N. Fang* *Lao Family Community of Fresno, Inc.* *Fresno, CA 993727*	*$15,000* *FY 1999*	*Educational Outreach*

Target Audience:
Southeast Asian Community in Fresno, California including Hmong, Lao, Cambodia, Vietnamese.

Purpose:
To educate and bring awareness of indoor/outdoor pollution and toxic substances to a rural Asian community in the Central Valley of California. A major key to success for this project is removing language barriers.

Goals:
- Reach out to communities that government resources and services may have been unable to reach.
- Educate the community on areas relating to air and water pollution, as well as focusing awareness on dumping toxic chemicals such as chemical insecticides, household chemicals and motor oil.

Methods:
- Develop educational brochures exploring problems and solutions on pollution in the community.
- Provide environmental workshops to improve the community's understanding of public health and environmental awareness.
- Conduct bilingual (Hmong, Lao, & Cambodian) radio talk shows to disseminate and establish a dialogue with the community on such issues as prevention, compliance of environmental and health and health promotions

Products/Results:
Distributed 7000 copies of the project brochure, translated into various languages (Cambodian, Lao, Hmong), to promote and educate about air and water pollution. Information booths were the outreach mechanism used during the Refugee Recognition Week, Hmong New Year celebration, Lao/Cambodian New Year celebration, the Southeast Asian Water Festival and the Roosevelt High School event. Twelve workshops were conducted to help improve community understanding of environmental and health issues. Produced 48 radio education spots and 12 radio talk-shows throgh KBIF 900 AM. The educational talk-shows covered a series of water and air pollution issues and the awareness of dangerous toxic substances.

Successes/Strengths:
Educational outreach to an untapped community in the Central Valley of California is the predominate success for this project. The major strength came in the form of removing language barriers so that the community could better understand air and water pollution issues and disposal practices for insecticides, household toxins and motor oil.

###

REGION 9

Communities for a Better Environment (CBE)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ-999684-01-0	*Carlos Porras* *5610 Pacific Blvd., Suite 203* *Huntington Park, CA 90255*	*$20,000* *FY 1997*	*Student Initiative Project*

Target Audience:
Huntington Park High School Students

Purpose:
To provide students with critical skills and hands on experience in environmental problem solving.

Goals:
- To develop environmental leadership among youth around site specific environmental problems in southeast Los Angeles.
- To enhance community understanding of environmental and public health information systems on local pollution problems.

Methods:
- Track daily pollutant levels by using air monitoring equipment.
- Analyze data using a computer for research.
- Conduct workshops, presentations and a city wide conference to educate the youth.
- Organize other students and community members

Products/Results:
Youth from LA CAUSA Youth Initiative Project built five buckets or air monitoring tools and have taken air samples in Huntington Park. Youth members have participated in three toxic tours of southeast Los Angeles. Youth members were successful in their campaign against Niklor Chemical Company's attempt to continue their pesticide production in a residential area of Carson. CBE's Youth members held its first Youth in Action Conference to discuss what they can do to address issues in their communities.

Successes/Strengths:
Youth members developed their presentations and speaking skills in several of the events. The youth and the community of Huntington Park developed a higher level of understanding and awareness of environmental issues and information.

###

REGION 9

Los Angeles Educational Partnership

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ-989071-01-1	*Liseth Romero-Martinzez* *315 West Ninth Street, Suite 1110* *Los Angeles, CA 90015*	*$19,970* *FY 1998*	*Education/toxic dumping*

Target Audience:
Residents of Pacoima

Purpose:
To educate residents on how to dispose of waste properly and general environmental education outreach.

Goals:
- To increase the awareness and knowledge of Pacoima community members about environmental issues by providing information and helping to develop the skills needed to make informed decisions and act responsibility with regard to the environment.
- To enhance critical thinking, problem-solving and foster active participation in environmental issues by community members.

Methods:
- Train and facilitate inter-generational environmental teams.
- Disseminate information to residents regarding illegal dumping.
- Organize cleanups days and provide information to the local schools regarding the "greening of schools campuses."
- Provide environmental education for elementary school age children and their parents

Products/Results:
Students , teachers and parents participated in a clean up campaign on campus. A partnership was formed with Cal State Northridge University to conduct a community survey identifying environmental problems. A sustainable school project was initiated. Two clean up days and tree planting days were organized around the Brads campus. Three thousand copies of the Pacoima Beautiful newsletter were distributed each month to children, parents and community members.

Successes/Strengths:
A substantive relationship has developed between the Cal State Northridge University and the Pacoima Beautiful and Community Inspectors that will continue. Six Pacoima schools have been introduced to resource organizations to assist in "greening" their campus. For example, the Department of Public Works has made a commitment to provide tools and other city resources to all clean up days.

###

REGION 9

People's CORE (Community Organization for Reform and Empowerment)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ-989057-01-0	*Joe Navidad* *300 West Cesar Chavez Avenue* *Suite E* *Los Angeles, CA 90012*	*$19,994* *1998*	*Pesticide education*

Target Audience:
Several schools in Los Angeles (Temple-Beverly area) and Carson. Both areas' schools have large multi-racial student body.

Purpose:
Address the issue of children's exposure to toxic pesticides.

Goals:
- Build community capacity in identifying the problem of toxic pesticides in the schools.
- Research and find out the pesticides used in the schools.
- Assess and evaluate the effects of exposure in schools.

Methods:
- Review monthly pesticide reports.
- Conduct pesticide use education in target schools.
- A pilot survey, in the Los Angeles area, on the community awareness of pesticide was conducted and information materials from the survey was presented in community meetings.
- Set up a Pesticide Action Committee composed of parents, teachers and community leaders.

Products/Results:
Conducted five neighborhood meetings. The research culminated in a Fact Sheet about pesticides and its effects. Information on pesticide use was gathered and submitted to the Los Angeles Unified School District.

Successes/Strengths:
The community concerns and information generated helped to persuade the Los Angeles Unified School District to adopt the Integrated Pesticide Management Policy (IPM). The Parents Action Committee will be joined with an environmental justice coalition, a coalition that does only deals with pesticide issues but also the overall effects of toxic chemicals in the greater Los Angeles area.

###

REGION 9

People United for a Better Oakland (PUEBLO)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ-989053-01-0	*Bonnie Koo* *132 East 12th Street* *Oakland, CA 94606*	*$20,000* *FY 1998*	*Environmental Stewardship*

Target Audience:
East Oakland residents

Purpose:
To build community capacity to identify local environmental justice problems and to design a comprehensive and proactive plan for improved community environmental health by implementing the SAFE HEALTH (Strategic Action for Environmental Health) project.

Goals:
- Collect data and educate residents on causes, effects, prevention, and control of air pollution
- Educate community on the human health effects and risks of exposure to toxic substances and hazardous waste.

Methods:
- Create a set of GIS maps of toxic waste and hazardous material sites in East Oakland.
- Implemented a community survey to identify environmental health concerns.
- Provide recommendations to the city on reforms related to public access, toxic emissions and site reduction, and health education/services.

Products/Results:
Stakeholder meetings were convened to discuss GIS and environmental data maps. The Pueblo and other groups collaborated to successfully pass the zero-dioxin resolutionin Oakland. Policy training was conducted for residents and members.

Successes/Strengths:
This project help to support a resident-driven (community-based and grassroots) issue identification process to allow residents to prioritize their concerns about the greatest threats to environmental health.

###

REGION 9

Professional Wet Cleaning As a Healthier Cleaning Method
Korean Youth and Community Center (KYCC)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ989414	*Helen Yi* *KYCC* *680 S. Wilton Pl* *Los Angeles, CA 90005*	*$15,000* *FY 1999*	*Perchloroethylene (Perc)* *Educational Outreach*

Target Audience:
Korean-American Dry Cleaners in Los Angeles, California.

Purpose:
To educate and encourage the garment care community in the greater Los Angeles region to utilize professional wet cleaning as a healthier cleaning method compared to the traditional perchloroethylene-based dry cleaning.

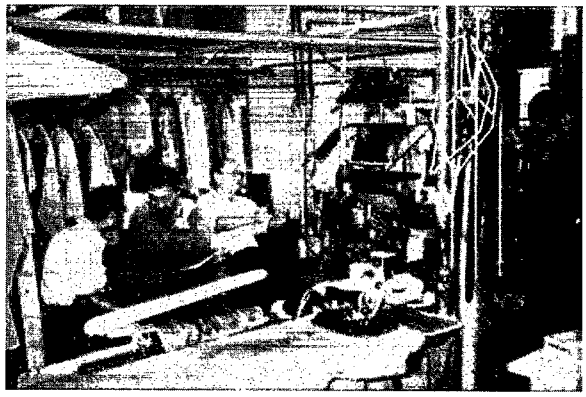
Goals:
- Enhance the understanding of professional wet cleaning and the issues related to the regulation of perc dry cleaning.
- Improve communication among stakeholders concerning professional wet cleaning and issues related to the regulation of perc dry cleaning.

Methods:
- Interview dry cleaners about their attitudes towards professional wet cleaning and educating regulators about professional wet cleaning as a viable pollution prevention alternative.
- Coordinate a series of professional wet cleaning tours, workshops, and seminars.
- Publicity about professional wet cleaning was successfully organized through the regional garment care trade press as well as through the local Korean daily newspapers.

Products/Results:
Interviews with dry cleaners who attended a professional wet cleaning tour in 1999 revealed the cause of why so many were reluctant to switch to this new method and provided future reference as to what kind of incentive programs might stimulate a diffusion.

The educational outreach process with the South Coast Air Quality Management District led, in part, to their decision to fund the Professional Wet Cleaning Commercialization Project. Within a four months period, a total of 71 cleaners attended workshops and seminars that provided overviews of the professional wet cleaning process. A number of articles on professional wetcleaning were published in Western Cleaner and Launderer, trade press, and also mainstream English and Korean press such as the Los Angeles Times. During the course of this project, we provided direct assistance to three cleaners who made a transition to professional wet cleaning. In addition, technical assistance was provided to 65 dry cleaners expressing an interest in converting to professional wet cleaning.

Successes/Strengths:
Educational outreach to dry cleaners about professional wet cleaning was enhanced substantially with the development of the Professional Wet Cleaning Commercialization Project. The Commercialization Project, which received initial funding in 2000 by the South Coast Air Quality Management District (SCAQMD), is designed to jumpstart the diffusion of professional wet cleaning in the southern California region by providing financial and technical assistance to eight dry cleaners interested to switching to professional wet cleaning.



REGION 9

Sonora Environmental Research Institute

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ-999692-01-0	*Anna H. Spitz* *P.O. Box 65782* *Tucson AZ 85728*	*$19,973* *1997*	*Education/ household hazardous materials*

Target Audience:
Residents (with a special focus on children) of Nogales, Santa Cruz County, Arizona

Purpose:
To educate Spanish speaking community members on household hazardous materials.

Goals:
- Empowering the community by providing education materials.
- Involve schools in disseminating information.

Methods:
- Developed workbooks in English and Spanish that were distributed to students during household hazardous waste collection events.
- Created a brochure for public information in English and Spanish
- Conducted workshops to familiarize the community with the educational/informational materials.

Products/Results:
The Institute distributed more than 900 workbooks for school and home use and they provided one thousand brochures for ongoing distribution in the county. Schools officials, teachers and end users received these new tools very favorably. The program had spillover effects beyond its intended audience of younger children. So much interest was generated that high school students participated in workshops with teachers to learn about the topic. The rate of participation during the household collection events began to increase. Santa Cruz County went from three participants to 60 in a subsequent event. Some increased participation resulted from the educational outreach of this effort.

Successes/Strengths:
The materials generated have been very well received in the community, especially the school district. Some teachers are using the entire workbook while some use specific experiments to complement their general curriculum. Local educators are using the workbooks in the schools not only to educate about proper collection and disposal of household hazardous waste but also about the proper use and alternatives to such products.

###

REGION 10
(AK, ID, OR, WA)

American Lung Association of Washington

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ980478-01	*Chetana Acharya* *2625 3rd Avenue* *Seattle, WA 98121*	*$14,960* *FY 1999*	*Indoor Air Quality*

Target Audience:
Parents, child care employees, and other caretakers of children belonging to the Holly Park/New Holly communities; a racially and ethnically diverse low-income community in Seattle, WA.

Purpose:
To inform residents about the impacts of indoor air quality on health by training two bilingual members of the Holly Park/New Holly communities as Master Home Environmentalists (MHE). The MHEs will educate residents about financially feasible ways to improve the air quality in their homes.

Goals:
- To facilitate communication between stakeholders in an effort to address and alleviate concerns about indoor air quality.
- Enhance active participation of affected communities and encourage informed decision making to help bring about healthier home environments.

Methods:
- Organize an Indoor Air Summit inviting the Holly Park/New Holly residents interested in indoor air quality, asthma and allergies.
- Recruit and send two volunteers through the MHE training program where they will learn about environmental health issues.
- Indoor Air Quality workshops and/or home assessments organized and hosted by MHE volunteers

Products/Results:
Recruitment of a diverse group of volunteers to serve and represent the Holly Park/New Holly communities. Completion of MHE training for volunteers. Completion of the outreach activities within the Holly Park/New Holly communities, which reached forty people and thirty-six families. Indoor air quality summits where community concerns were addressed.

Successes/Strengths:
Empowering the community by encouraging the residents to address indoor air quality. Improved public and environmental health in Holly Park/New Holly communities. Facilitating access to non-English speaking community members through the recruitment of bilingual volunteers. MHE volunteers are more familiar with Holly Park/New Holly communities due to the recruitment of community residents.

###

REGION 10

Environmental Justice Action Group (EJAG)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ980497-01	*Anna C. Aguar* *P.O. Box 11635* *Portland, OR 9721*	*$20,000* *FY 1999*	*Air quality,* *Lead Education* *Brownfield Hazards*

Target Audience:
African-Americans, Latino Americans, Asian Americans, Russians, Asians and Africans exposed to environmental hazards such as Brownsfield sites, other contaminated sites, air pollutants from high traffic volumes, toxic materials and lead poisoning in the N/NE Portland Area.

Purpose:
To cultivate a core group of community activist who will gain the technical and environmental knowledge, networks, and experience to be long-term leaders in Portland's environmental justice work, and to build overall community understanding and involvement in environmental decision-making.

Goals:
- To increase community awareness and involvement in environmental justice and public health issues.
- Identify local environmental justice problems, and facilitate community-based leadership in seeking solutions to these problems.

Methods:
- Conduct door to door campaigns and presentations for local organizations to distribute EJAG's information regarding transportation, air quality, lead poisoning, and brownfields, including superfund sites.
- The door to door campaigns will prompt community leaders into a dialogue about the communities' concerns and solicit feedback.
- In addition to conducting presentations, EJAG will participate in informal neighborhood hearings community meetings and house parties.

Products:
An air pollution and asthma survey was distributed to the people in the north/northeast Portland community, and with the aid of Department of Environmental Quality and Portland State University an "Air Pollution 101" training class was developed. Through EJAG staff and members, more than 700 people were engaged in community outreach efforts to solicit input on environmental justice concerns and to build relationships.

Successes/Strengths:
Community awareness of environmental justice and public health issues in the area was increased. Partnerships and networks with other grassroots organizations as well as state/federal agencies were developed. Increased citizen involvement and empowerment raised visibility of local environmental justice concerns, and increased membership in EJAG. Possible replication of this project in other communities facing similar environmental justice concerns.

###

REGION 10

My Service Mind of Northwest (MSM)

Grant Number:	*Project Coordinator:*	*EPA funding:*	*Focus:*
EQ980477-01	*Mandy Hea Ma* *8627 South Tacoma Way* *Lakewood, WA 98499*	*$14,957* *FY 1999*	*Toxic substances, Indoor Air Quality, Hazardous Household Waste Radiation*

Targeted Audience:
Low-income Korean-American seniors and youth immigrants in Pierce, Kitsap, and King Counties.

Purpose:
To educate the Korean-American community about issues of toxic substances and indoor air pollution, focusing on the proper usage, disposal and dangers of everyday household products. The seniors and youth of the Korean-American community will learn how to access help in case of poisoning and inform the community about ways to minimize and protect themselves from exposure to radiation.

Goals:

- To inform the Korean-American community about the dangers of toxic household products, radiation, and secondhand smoke in order to protect themselves and their families.
- Provide information on the proper usage and disposal of toxic household products.
- Teach the Korean American community how to access the public health and environmental information systems.

Methods:

- Recruit volunteers and conduct the "train-the-trainer program" by using popular education techniques.
- These volunteers will conduct at least fifteen informal seminars for at least 1,600 Korean-Americans.
- Popular communication sources such as the newspaper and radio information will be used to educate Korean-American community.
- MSM will create a clean up event with local Korean-American churches and Korean Seniors Association.

Products:
A team of staff and trained volunteers conducted twenty-four one hour presentations at senior apartments, community centers, churches, and Korean radio stations. Presentations, television advertisements and a radio handbook were created and aired on KoAm TV teaching viewers about the dangers of smoking, toxics, and radiation.

Success/Strengths:
The twenty-four presentations reached more than two-thousand people in the Korean community including children, parents, and the elderly on the dangers of smoking, hazardous household materials and radiation.

####

REGION 10

Native Village of Mekoryuk

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ980572-01	*Larson King* *P.O. Box 66* *Mekoryuk, AK 99630*	*$15,000* *FY 1999*	*Water Quality,* *Subsistence*

Target Audience:
Native villages and communities relying upon hunting and subsistence fishing in the Yup'ik coastal area along the Bering Sea.

Purpose:
To bring Yup'ik coastal communities together to discuss issues and document observations concerning changes in the regional environment that affect the Yup'ik communities' food sources. This information would then be used to positively impact federal, state, and private efforts affecting the Yup'ik communities.

Goals:

- To facilitate communication and information exchange, and create partnerships among stakeholders.
- To build community capacity and ability to identify local environmental justice problems.
- To involve the community in the design and implementation of activities to address these concerns.

Methods:

- Develop a workshop that will bring all of the Yup'ik coastal communities together to unite and discuss observations and any concerns they may have.
- Collect observations and concerns from the coastal communities along the Bering Sea to in order to create a workbook that will include all of the observations and concerns.

Products/Results:
A workbook was distributed to the participants of the workshop to gather information. The results and the observations from the villages were compiled and documented.

Success/Strengths:
The participants facilitating communication and information exchanges accomplished the program goals. Furthermore the workbook used to collect information was put into documentation and will be used to actively participate in the research that will be conducted in the Bering Sea in the future.

###

REGION 10

Oregon Environmental Council (OEC)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ989094601	*Sarah Doll* *529 SW 6th Avenue, Suite 940* *Portland OR, 97204*	*$15,000* *FY 2000*	*Hazardous Waste and Air Emissions, Lead Education*

Target Audience:
Community-based groups, neighborhood associations, healthcare providers (local clinics) and schools in the Albina area, a minority community in Portland, OR.

Purpose:
To maximize the impact of the resource guide developed following a year-long study of environmental issues faced by the Albina community by:

- Implementing an additional program of outreach that will engage key community residents in a more personal and direct way;
- Assisting community residents in adopting a problem solving approach to meeting the community's priority needs;
- Encouraging community members to think critically about the many environmental health challenges facing the community, and identifying ways OEC can be a more effective community resource and ally.

Goals:

- Show community members how to use the information in the guide.
- Directly encourage community members to think critically about the many environmental challenges facing the community.

Methods:

- Contact key community groups about the availability of the resource guide and OEC's outreach program.
- Work with community stakeholders to design an interactive presentation format that includes use of tools outlined in the resource guide.
- Conduct five presentations to key audiences utilizing existing community forums.
- Expand distribution of resource guide by printing 100 additional copies and increasing the number of local distribution targets

Products/Results:

- Completion of at least 5 presentations to community groups
- Participation in program by at least 50 community members
- Distribution of at least 50 copies of Healthy Albina Resource Guide

Successes/Strengths:
Increased community awareness about the existence and usage of a resource guide. Enhanced community understanding of environmental and public health information systems. Community members thinking critically and actively about issues facing the communities and resources to address those issues.

###

REGION 10

Valley Family Health Care, INC. (VFHC)

Grant Number:	*Project Coordinator:*	*EPA Funding:*	*Focus:*
EQ980480-01	*Hugh W. Phillips* *1441 NE 10th Avenue* *Paynette, ID 83661*	*$15,000* *FY 1999*	*Pesticide Education* *Water Quality,* *Hazardous*

Targeted Audience:
Hispanic seasonal and migrant farm workers and their families, living in communities surrounding the five VFHC community health centers.

Purpose:
To increase awareness among the Hispanic migrant and seasonal agriculture workers and their families about the identification of pesticides and the health risks of exposure as well as exposure to other hazardous substances.

Goals:
- To bring awareness of chemical dangers and risks to rural families.
- Instruct community members about how to keep drinking water and households safe and free from contaminants.
- Instruct the participants about proper chemical disposal.
- Help participants identify possible methods of exposure and ways to address exposure.

Methods:
- Conduct sessions on pesticides education, safe drinking water and proper disposal of chemicals and motor oil.
- Conduct chemical risk education sessions about chemical containers and the proper use of household chemicals.
- Conduct door-to-door outreach in their local farm labor camps.

Products/Results:
A booklet called "Protect Yourself from Pesticides," and another pocket sized booklet was developed that included descriptions of various farm chemicals.

Successes/Strengths:
Migrant farm workers were advised on the dangers at work and at home so they would be able to protect their children, family and friends. Easy accessibility to program information, for example, the pocket-sized booklet was well received by project participants because it could be easily carried to the field and was also informative and easy to share with co-workers. Similarly, the programs were conducted at sites familiar and convenient to participants.

###

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EPA Regional Offices and State Breakdown

EPA Regional Offices and State Breakdown

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Minnesota	MN	V
Mississippi	MS	IV
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Nebraska	NE	VII
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North Carolina	NC	IV
North Dakota	ND	VIII
Ohio	OH	V
Oklahoma	OK	VI
Oregon	OR	X
Pennsylvania	PA	III
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South Carolina	SC	IV
South Dakota	SD	VIII
Tennessee	TN	IV
Texas	TX	VI
Utah	UT	VIII
Vermont	VT	I
Virginia	VA	III
Washington	WA	X
West Virginia	WV	III
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American Samoa	AS	IX
Canal Zone	CZ	
Guam	GU	IX
Puerto Rico	PR	II
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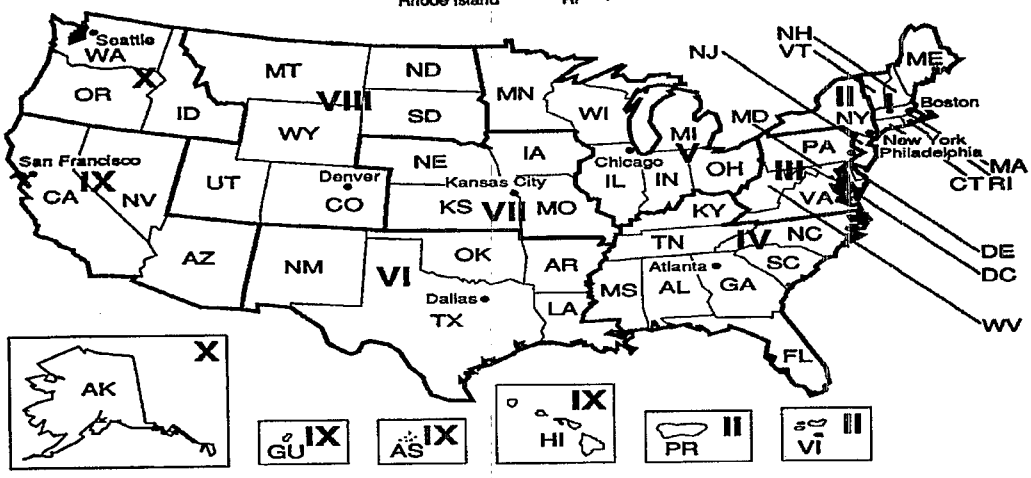

Region I	CT	Region III	DE	Region V	IL	Region VII	IA	Region IX	AZ
	ME		DC		IN		KS		CA
	MA		MD		MI		MO		HI
	NH		PA		MN		NE		NV
	RI		VA		OH	Region VIII	CO		AS
	VT		WV		WI		MT		GU
Region II	NJ	Region IV	AL	Region VI	AR		ND	Region X	AK
	NY		FL		LA		SD		ID
	PR		GA		NM		UT		OR
	VI		KY		OK		WY		WA
			MS		TX				
			NC						
			SC						
			TN						

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