



# Environmental Justice Through Pollution Prevention Grant Guidance 1998



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## INTRODUCTION

The U.S. Environmental Protection Agency (EPA), in its 1992 report *Environmental Equity: Reducing Risk for All Communities*, found that people of color and low-income communities experience higher exposure to toxic pollutants than the general population. The environmental justice movement has focused attention on the need to more actively ensure equitable environmental protection for all, and to empower those most often disenfranchised from the decision-making process—the poor and people of color. Pollution prevention can play a central role in reducing environmental risks while promoting public involvement and economic benefits. Because many minority, low-income, and federally recognized tribal communities face disproportionate environmental impacts, EPA is looking for ways to help these communities deal with emerging environmental issues by using ***pollution prevention***, rather than pollution control, solutions. EPA has defined pollution prevention as "source reduction," which is any practice that reduces or eliminates any pollutant ***prior*** to recycling, treatment, or disposal.

This guidance outlines the purpose, authorities, eligibility criteria, and general procedures for application and award of fiscal year (FY) 1998 multi-media Environmental Justice Through Pollution Prevention (EJP2) grant funds under the Office of Pollution Prevention and Toxics. For FY 1998, EPA will award as much as \$4 million in grant funds to eligible organizations. Applications must be mailed to EPA's contractor, Eastern Research Group, Inc. (ERG) (listed in Section VII), and **received no later than 5 p.m., April 20, 1998**. Grant awards will be announced no later than September 30, 1998 (see Section VII for a schedule of EJP2 grant-related activities).

### I. SCOPE AND PURPOSE OF THE EJP2 GRANT PROGRAM

The primary purpose of this grant program is to provide financial assistance to a variety of nonprofit organizations, Federally recognized Indian Tribes, state and local governments, and academic institutions for projects that address environmental justice concerns and use pollution prevention as the proposed solution. **This grant program is designed to fund projects that have a direct impact on affected communities.**

EPA has made significant progress over the last 25 years in improving the quality of the environment through implementation of *pollution control* programs—that is, those that manage, treat, and dispose of pollution after it has been generated. There is growing recognition; however, that these traditional approaches have not adequately addressed existing environmental problems and do not provide solutions for the prevention of future environmental problems. To address this concern, Congress enacted the Pollution Prevention Act in November 1990, which declared a national policy to *prevent* or reduce pollution at the source whenever possible. EPA believes that the problems of environmental injustice are most effectively addressed by avoiding the generation of pollution altogether. The EJP2 grants are meant to support this preventative approach to environmental management.

EPA is particularly interested in innovative approaches that can be applied to other communities. **The Agency strongly encourages cooperative efforts among communities,**

**business, industry, and government to address common pollution prevention goals.** Projects funded under this grant program should focus on having a direct impact on the environmental justice community to be served and may involve such activities as public education, training, demonstration projects, public-private partnerships, or approaches to develop, evaluate, and demonstrate non-regulatory strategies and technologies.

#### **A. What Is Environmental Justice?**

Environmental justice is the fair treatment and meaningful involvement of all people, regardless of race, color, national origin, or income, with respect to the development, implementation, and enforcement of environmental laws, regulations, programs, and policies. Fair treatment means that no racial, ethnic, or socio-economic group should bear a disproportionate share of the negative environmental consequences resulting from industrial, municipal, and commercial operations, or from the execution of federal, state, local, or tribal programs and policies.

#### **B. What Is Pollution Prevention?**

EPA has defined pollution prevention as "source reduction," which is any practice that reduces or eliminates any pollutant *prior* to recycling, treatment, or disposal. EPA further defines pollution prevention as the use of other practices that reduce or eliminate the creation of pollutants through:

- Increased efficiency in the use of raw materials, energy, water, or other resources
- Protection of natural resources by conservation

To help the public better understand pollution prevention, EPA has established a hierarchy of environmental management practices. In order of preference, these practices include:

- **Pollution Prevention/Source Reduction**
- Recycling
- Treatment
- Safe Disposal

This grant program is focused on using pollution prevention/source reduction practices to bring about better environmental protection.

#### **C. How Is Pollution Prevention Different from Other EPA Programs?**

EPA programs have traditionally focused on treatment, disposal, and remediation. Although these types of activities are important parts of environmental protection, they are not as effective as pollution prevention activities because they are concerned with the handling and management of waste and pollutants **after** they have been generated. EPA has other program funds available for treatment, disposal, remediation, and recycling initiatives, including funds to support lead abatement projects and the cleanup of hazardous waste sites. The following section

provides information on sources of federal funding for activities not related to pollution prevention.

#### **D. What if My Project Is Not Pollution Prevention?**

EPA, along with many other federal agencies, has numerous grant programs available to address your particular needs. For example, EPA's Environmental Justice Small Grants Program, managed by the Office of Environmental Justice, provides grant funding for projects that address environmental justice problems through ways other than pollution prevention.

A listing of all EPA grant programs can be found in the *Catalogue of Federal Domestic Assistance*. You can find copies of the *Catalogue of Federal Domestic Assistance* at some 1,300 Federal Deposit Libraries around the nation (usually located in major colleges or universities), or at National Agricultural Libraries (usually located in rural or agricultural areas). You also can find the *Catalogue of Federal Domestic Assistance* on the Internet, located at: <[www.gsa.gov/fdac](http://www.gsa.gov/fdac)>. To purchase copies of the *Catalogue of Federal Domestic Assistance*, call the General Services Administration at 202 708-5126.

## **II. ELIGIBLE APPLICANTS**

### **A. Who Is Eligible to Apply for Funding? May an Applicant Submit More Than One Proposal?**

Any affected, nonprofit organizations with 501(c)(3) or 501(c)(4)<sup>1</sup> IRS tax status or Federally recognized Tribes may submit an application upon the publication of this solicitation. A nonprofit organization is defined as any corporation, trust, association, cooperative, or other organization that:

- (1) Is operated primarily for scientific, educational, service, charitable, or similar purposes in the public interest.
- (2) Is not organized primarily for profit.
- (3) Uses its net proceeds to maintain, improve, and/or expand its operations.

State and local governments and academic institutions are also eligible. Organizations must be incorporated by April 20, 1998, to be eligible to receive funds. Private businesses, federal agencies, and individuals are ineligible for these grants. Organizations excluded from applying directly, as well as those inexperienced in grant-writing, are encouraged to develop partnerships and prepare joint proposals with eligible national, regional, or local organizations.

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<sup>1</sup> As a result of the Lobbying Disclosure Act of 1995, EPA (and other federal agencies) may not award grants to nonprofit, 501(c)(4) organizations that engage in lobbying activities. This restriction applies to any lobbying activities of a 501(c)(4) organization without distinguishing between lobbying funded by Federal money and lobbying funded by other sources.

No applicant can receive two grants for the same project at one time. EPA will consider only one proposal for a given project. Applicants may submit more than one application as long as the applications are for separate and distinct projects.

EPA strongly encourages partnerships between national and/or regional organizations (e.g., large environmental or civic groups) and community-based/grass-roots organizations and tribes in the development of grant applications. The national and regional organizations can in some instances act as a sponsoring or umbrella organization for community groups that may otherwise be unable or ineligible to apply directly. In addition, the national and regional organizations can provide support and assistance to the community-based/grass-roots or tribal organizations, so that these organizations will increase their capacity to deal with their communities' environmental justice issues and use pollution prevention as the preferred solution to address these issues.

### **III. AMOUNTS AND MATCHING REQUIREMENTS**

#### **A. How Much Money May Be Requested? Are Matching Funds Required?**

Organizations seeking funds from the EJP2 grant program can request up to \$100,000 for projects located within one EPA region. Up to \$250,000 may be requested for projects of national significance that involve multiple communities located in more than one of the 10 EPA Regions. A map outlining EPA's 10 regions is included in Appendix D. In accordance with 40 CFR (30)(23), **EPA no longer requires cost sharing or matching funds for this grant program.**

#### **B. Are There Any Restrictions on the Use of Federal Funds?**

Yes. EPA grant funds can only be used for the purposes set forth in the grant agreement. Grant funds from this program **cannot** be used for **matching funds for other federal grants; construction; personal gifts (e.g., t-shirts, buttons, and hats); purchasing furniture; litigation; lobbying; or intervention in the federal regulatory or adjudicatory proceedings.** In addition, the recipient may not use these federal assistance funds to sue the federal government or any other government entities. Refer to 40 CFR (30)(27), "Allowable Costs," for details.

### **IV. ELIGIBLE ACTIVITIES**

The goal of the EJP2 grant program is to promote the use of pollution prevention approaches as the preferred way to address environmental problems of environmental justice communities. Funds **must** be used to support pollution prevention projects and programs in people of color communities, low-income communities, or tribal lands.

Below are brief abstracts of project ideas that use pollution prevention approaches to address environmental justice problems. These ideas may help guide you in developing your proposal. **Appendix A** provides more detailed project ideas and additional examples of projects.

**Appendix F** provides a summary of grants awarded by the EJP2 grant program in the 1995 through 1997 funding cycles.

- **Information Access.** Provide easier access to environmental information (such as EPA's Toxic Release Inventory database) to environmental justice communities by providing means of obtaining environmental information or by designing and implementing training programs that will help communities access such information.
- **Demonstration Projects.** Conduct demonstration projects in support of EPA voluntary programs that promote pollution prevention through resource efficiency (e.g., the Water Alliance for Voluntary Efficiency, the WasteWi\$e Program, or the Green Lights Program). A complete listing of all EPA voluntary programs, including summaries of program goals and contact information, can be found in *Partnerships in Preventing Pollution, A Catalogue of the Agency's Partnership Programs* (EPA Publication # 100-B-96-001, Spring 1996). You can obtain a free copy of this publication by calling the Pollution Prevention Information Clearinghouse (PPIC) at 202 260-1023 or by contacting PPIC via e-mail at: <ppic@epamail.epa.gov>.
- **Agricultural Projects.** Conduct research, demonstrations, or public education that addresses issues faced by the agricultural community including the promotion of sustainable agricultural practices, integrated pest management, and pesticides use reduction.
- **Small Business Assistance.** Demonstrate the use of revolving loan funds and other financial instruments that can assist small businesses obtain loans to buy and install pollution prevention technologies and equipment.
- **Pollution Prevention Approaches.** Work with local business community leaders to design and implement pollution prevention approaches that will protect the long-term environmental health of the community.
- **Brownfield Sites.** Help environmental justice communities near Brownfield sites engage in the public participation and decision-making processes and promote pollution prevention as a key principle in Brownfield redevelopment.

## **V. DEVELOPMENT OF PROPOSALS**

In order to be eligible to participate in the open competition for grants under this program, proposals from eligible organizations **must** have the information listed below. The standard forms cited below can be found in **Appendix B** of this grant guidance.

1. **One page summary cover sheet that:**
  - a) Identifies the environmental justice issue(s) to be addressed by the project.
  - b) Identifies how a pollution prevention approach will be utilized to address the environmental justice issues in the project proposal.
  - c) Identifies the purpose of the grant proposal.
2. Narrative of the proposal not to exceed 5 double-sided pages (10 pages in all). The narrative should include:
  - a) Description of the affected communities.
  - b) Identification of the environmental justice issue(s) to be addressed by the project.
  - c) Identification of the pollution prevention approach that will be utilized in the project.
  - d) Description of the extent of involvement of the community as well as partner organizations.
  - e) Outline of methods and tools to be used to evaluate the success of the project.
3. Key contacts information sheet.
4. Application for Federal Assistance, SF 424, the official form required for all federal grants that requests basic information about the grantee and the proposed project.
5. The Federal Standard Form SF 424A, which provides information on budget and match.
6. Detailed, itemized budget.
7. Certification of Non-Construction.
8. Certification Regarding Debarment, Suspension, and Other Responsibility Matters form.
9. Certification Regarding Lobbying form.
10. Disclosure of Lobbying Activities form.
11. Letters of commitment, memoranda of understanding, or other documents that highlight significant involvement of other partners in your grant application.



12. Resumes or biographical information regarding the lead and other key personnel in the grant application.
13. Any additional information (e.g., history of the organization(s) and success stories).

The total number of pages per application may not exceed 20 double-sided pages (40 pages in all). Pages must be letter size (8-½ by 11-inch), with normal type size (12 CPI), and have at least 1-inch margins.

**Please include one original (with original signatures where appropriate) and four copies of the application packet.**

**Proposals that do not include the information listed above will not be considered for award.**

## **VI. EVALUATION OF PROPOSALS**

### **Proposal Requirements**

All proposals must meet two requirements in order to be considered for grant funding by this program:

- (1) Is the community proposed to be affected by the project a minority and/or low-income community?
- (2) Is pollution prevention the project's proposed approach?

### **Evaluation Criteria**

In addition, proposals will be evaluated and scored by the reviewers on the basis of the following four criteria:

- (1) Will the proposed approach successfully address the community's environmental concerns? Are local community representatives fully involved in the project from planning through implementation?
- (2) Does the use of resources in this project seem cost effective? Has the applicant shown other sources of support or cooperation/partnering with another organization? Does the applicant show effective use of existing sources of information?
- (3) Does the project identify a method for quantifying reductions in the amount of pollution generated or natural resources consumed?

- (4) Is the proposed project targeted toward specific audiences, facilities, industry sectors, and/or environmental problems within the affected community?

## **VII. PROCESS FOR AWARDING AND ISSUING GRANTS**

### **A. How Will Applications Be Reviewed?**

There will be two different review processes. For local applications, each one of the 10 EPA regional offices will select review panels that will review and evaluate all local grant applications from the region. For national applications, EPA's Pollution Prevention Division and the regional offices will work in conjunction to form one review panel that will review and evaluate all national grant applications. Applications will be screened to ensure that they meet all eligibility requirements described in Sections II, IV, and V of this guidance. Applications will be disqualified if they do not meet these criteria.

### **B. How Will the Final Selections Be Made?**

After the individual projects are reviewed and ranked according to the evaluation criteria described in Section VI, the Pollution Prevention Division will compare the best applications selected by the 11 review panels and make final selections. Additional factors that EPA will take into account include geographic and socio-economic distribution, diversity of the projects, costs, and projects whose benefits can be sustained after the grant has been completed.

Please note that the EJP2 grant program is extremely competitive. EPA expects to receive a large number of grant applications, and funding for the program is limited. EPA is unable to fund all applications received. If your project is not funded, please refer to information regarding other EPA and federal grant opportunities listed in the *Catalog of Federal Domestic Assistance*, under Section I of this guidance.

### **C. What Is the Schedule and Overall Process for Issuing and Awarding Grants?**

- **Proposals must be received by EPA at the following address no later than 5 p.m., April 20, 1998.** Proposals should be sent to:

EJP2 Grant Program  
c/o ERG  
2200 Wilson Boulevard, Suite 400  
Arlington, VA 22201

To request additional copies of the EJP2 guidance, or for any questions, please call 703 841-0483.

- Letters of acknowledgment to confirm the receipt of grant applications will be sent to all applicants no later than **April 27, 1998**.

- Funding decisions for the EJP2 grant program's FY 1998 cycle will be publicly announced by **September 30, 1998**.
- **All projects must begin on or after October 1, 1998.** All projects must conclude, and funds must be expended, by **September 30, 2000**.
- Official letters informing all applicants of the status of their applications will be sent out **no later than October 10, 1998**.

## VIII. EPA CONTACTS

To obtain copies of the EJP2 grant program guidance and application package, or to obtain more information regarding the EJP2 grant program, call 703 841-0483 or e-mail <ejp2@erg.com>. A complete, electronic copy of the EJP2 grant program guidance and application package is also available on the EPA web site on the Internet. The EJP2 grant program guidance and application package is located at: <www.epa.gov/opptintr/ejp2>.

## IX. DEFINITIONS

**Affected Communities** - Individuals or groups of individuals who are subject to an actual or potential health, economic, or environmental threat arising from, or which arose from, pollution sources or proposed polluting sources. Affected parties, for example, include individuals who live near pollution sources and whose health is or might be endangered or whose economic interest is directly threatened or harmed.

**Brownfields** - Abandoned, idled or under used industrial and commercial properties where expansion or redevelopment is complicated by real or perceived contamination.

**Brownfields Redevelopment Initiative** - Designed to empower states, communities, and other stakeholders in economic redevelopment to work together in a timely manner to prevent, assess, safely clean up, and sustainably reuse Brownfields. (Additional information can be found via e-mail at <www.epa.gov.brownfields>.)

**Community Development Financial Institution (CDFI)** - An institution that meets the criteria specified in Section 103 of the Riegle Community Development and Regulatory Improvement Act of 1994.

**Environmental Justice** - The fair treatment of people of all races, cultures, and income with respect to the development, implementation, and enforcement of environmental laws, regulations, programs, and policies. Fair treatment means that no racial, ethnic, or socioeconomic group should bear a disproportionate share of the negative environmental consequences resulting from the operation of industrial, municipal, and commercial enterprises and from the execution of federal, state, local, and tribal programs and policies.

**Low-Income Community** - A population that is classified by the U.S. Bureau of the Census as having a mean income (for a family of four) of \$16,404 per year, adjusted for by the cost-of-living index of the locality, and whose income level is at the lowest 25 percent of the total population of a defined area or jurisdiction.

**People of Color Community** - A population that is classified by the U.S. Bureau of the Census as African American, Hispanic American, Asian and Pacific American, American Indian, Eskimo, Aleut or other nonwhite persons, whose composition is at least 25 percent of the total population of a defined area or jurisdiction.

**Pollution Prevention** - The reduction or elimination of pollutants through source reduction, increased efficiency in the use of raw materials, energy, water, or other resources; or the protection of natural resources by conservation. Pollution prevention measures reduce the amount of pollutants released into the environment prior to recycling, treatment, and disposal.

**Small Business** - As defined by the Small Business Administration's (SBA) Small Business Size Regulations in 13 CFR, Part 121. Because SBA's definition of a small business is very complex, and varies by industry, Appendix G lists information that can help determine if the business you intend to work with qualifies as a small business.

**Toxic Release Inventory** - A database which provides annual information to the public about releases of toxic chemicals from manufacturing facilities into the environment. It has been very successful in helping companies target toxic chemicals for reduction of releases. (For additional information contact 202 260-9592.)

**Tribe** - All Federally recognized Indian Tribes (including Alaska native villages), pueblos, and rancherias. The term tribe refers to only federally recognized indigenous peoples. Other indigenous peoples are able to apply for grants as other eligible grass-roots organizations as long as they are incorporated.

## APPENDIX A: EXAMPLES OF POSSIBLE GRANT ACTIVITIES

In the first 3 years of the EJP2 grant program, many projects were funded that provided general education on pollution prevention to residents of low-income and minority communities and/or encouraged community involvement on pollution prevention approaches. These activities were very appropriate in the early years of this program when community groups were in the initial phases of learning about pollution prevention and how pollution prevention approaches can be applied to the problems present in environmental justice communities.

For this year's grant cycle, EPA is encouraging applicants to develop proposals which are more targeted in nature. These may include providing specific pollution prevention training and/or technical assistance to businesses in their community; conducting a discrete project demonstrating the value of pollution prevention at local businesses; incorporating pollution prevention practices into identified local projects; or working cooperatively with a particular facility or industry sector to jointly develop a pollution prevention strategy.

In addition, applicants should be aware that this grant program has generated a substantial amount of information related to specific targeted audiences. In particular, several projects have focused on auto repair shops, dry cleaners, printers, and painting contractors. EPA is in the process of collecting the results of those projects so that they may be more widely available to environmental justice communities. In developing projects for specific industries or audiences, we encourage applicants to use already existing information and materials rather than spending resources in researching and developing new materials.

Below are examples of activities that applicants may want to consider as they develop EJP2 project ideas and grant proposals. The examples are **not** intended to serve as a comprehensive list of possible grant projects; rather, they illustrate activities that use pollution prevention principles in addressing environmental justice problems that exist in the communities. The activities are as follows:

- Community Involvement ..... A-1
- Technical Assistance/Demonstration ..... A-2
- Small Business Assistance ..... A-3
- Agriculture ..... A-5
- Combination of Activities ..... A-6

### COMMUNITY INVOLVEMENT:

- **Assist minority and low-income communities and tribal governments in becoming actively engaged in community environmental initiatives, such as Brownfields redevelopment projects, and in promoting pollution prevention as an important component of any community environmental initiative.**

Increasingly, EPA and local governments are looking to a community-based approach to environmental protection and community revitalization. Two examples of this approach are the Community Based Environmental Protection initiative and the Brownfields redevelopment initiative. An important part of the community-based approach is the active participation by the members of those communities.

Increased citizen involvement in community environmental protection and redevelopment not only provides greater citizen empowerment but ultimately creates a community better suited to the needs of its members.

A project that combines greater citizen involvement in community environmental protection and redevelopment processes with the education of citizens to enhance their understanding of the benefits of pollution prevention as it applies to communities, would greatly advance the Agency's goals of promoting pollution prevention and community-based environmental protection.

#### **TECHNICAL ASSISTANCE/DEMONSTRATION:**

- **Conduct demonstration projects in support of EPA voluntary programs (such as the Water Alliance for Voluntary Efficiency, the WasteWiSe Program, or the Green Lights Program) that promote resource efficiency or EPA's industry sector projects, such as the Common Sense Initiative.**
- **Provide comprehensive, multimedia prevention technical assistance to the regulated community generators of hazardous waste, air emissions, and wastewater discharges and increase cooperative interaction between the state and the regulated community. The assistance could help involve environmental justice communities in pollution prevention planning required by state environmental laws.**

A complete listing of all EPA voluntary programs, including summaries of program goals and contact information, can be found in *Partnerships in Preventing Pollution, A Catalogue of the Agency's Partnership Programs* (EPA Publication # 100-B-96-001, Spring 1996). You can obtain a free copy of this publication by calling the Pollution Prevention Information Clearinghouse (PPIC) at 202 260-1023 or by contacting PPIC via e-mail at: <ppic@epamail.epa.gov>.

Pollution prevention can involve more efficient use of resources through, for example, energy efficiency, water conservation, or waste reduction in community housing and businesses. Specific approaches include energy efficient lighting, appliances, or buildings; low-flow toilets or other water efficient equipment; and safe substitutes for cleaning products. EPA already promotes several of these initiatives through its voluntary programs. By installing efficient equipment and adopting conservation practices, demand for power and water from utility companies can be reduced, thus saving communities the expense of increased costs of water and electricity.

A community might propose to develop and implement an action plan for restoring an area both environmentally and economically. The action plan could identify and propose to involve potential partners needed to help the community implement pollution prevention opportunities such as utility companies, urban and rural planning development organizations, economic development groups, and key businesses and industries in the area.

#### **SMALL BUSINESS ASSISTANCE:**

- **Provide technical assistance and training to small businesses to enable them to identify and use pollution prevention technologies. A project may propose to assist businesses seeking information about source reduction opportunities including funding for experts to provide onsite technical advice and to assist in the development of source reduction plans. Proposals should target assistance to businesses where lack of information is an impediment to source reduction and provide training for pollution prevention techniques. By providing information, training, and technical assistance, EPA believes that businesses will enhance their competitiveness by reducing environmental costs, improving relations with the community, improving the quality of their products, and spending less money on environmental regulations.**
- **Develop and implement a demonstration loan program by providing seed capital to nonprofit Community Development Financial Institutions (CDFIs), thereby leveraging their capacity to provide financing to small businesses for pollution prevention activities in low-income and/or predominantly minority communities or tribal lands.**

EPA is committed to the proposition that a sound environment is a precondition for sustainable economic development and that environmentally conscious, sustainable development is more easily attainable when all groups in society have both a perceived and real stake in the economic system. Thus, the ultimate purpose of this targeted loan provision is to enable businesses that might otherwise be denied credit to install pollution prevention equipment or initiate pollution prevention techniques or practices in order to address environmental problems posed by the normal course of operations.

Entities eligible for funding under this demonstration loan program are national nonprofit financial intermediaries that serve nonprofit CDFIs as defined in section 103 of the Community Development Banking and Financial Institutions Act of 1994. Applicants must have an established track record in the following:

- a) Raising capital on their own behalf from private sources.
- b) Directing capital on a performance basis to nonprofit CDFIs in low-income and/or predominantly racial minority areas in both rural and urban settings.
- c) Providing appropriate training to CDFI loan officers, staff, and board members.

Grant funds awarded to a national CDFI intermediary (hereafter, an “awardee”) shall be used primarily to capitalize CDFIs that will implement a demonstration loan program targeting credit-worthy small businesses, as determined by the CDFI, to finance pollution prevention equipment or activities. Although these funds may be commingled with other funds for administrative ease, the national CDFI intermediary and the CDFI recipients must be able to document that the use of funds is entirely consistent with the purpose of this solicitation. Awardee(s) also may use a portion of these funds to train CDFI staff in pollution prevention concepts and practices as they apply to their business finance programs. CDFI recipients may utilize a portion of the funds they receive to provide training and technical assistance to businesses in their markets about pollution prevention concepts and practices in their industries. Altogether, funds devoted to training on the national and local levels should not exceed one-third of the total award.

Awardees shall have broad discretion as to how they capitalize the loan programs at participating CDFIs. Accountability will be required between the national intermediary and the CDFI recipients. Some degree of matching funds must be required of the participating CDFI, so that the feasibility of the “leveraged financing” aspects of this demonstration loan program might be tested.

Specific terms of the financing to small businesses (amount, term, interest rate, fees, and collateral required, etc.) should be determined directly by the CDFI participant. The overall structure of any financing, however, must be such that it can reasonably be construed as a business proposition. Under no circumstances may funds be made available by the participating CDFI to a business on a grant basis without provision for and reasonable expectation of repayment.

Other project ideas include:

- Establish a program that will provide multimedia technical assistance to small and medium-sized businesses within environmental justice communities. Technical assistance will consist of both waste reduction audits and regulatory advice.
- Help environmental justice small businesses contract for outside technical assistance that might not otherwise be available to them.
- Provide comprehensive, multimedia pollution prevention technical assistance to the regulated community, including generators of hazardous waste, wastewater dischargers, and dischargers of air pollutants, and facilitate cooperative interaction between the regulated community and environmental regulatory agencies that focus on pollution prevention and waste reduction.
- Identify and educate targeted business owners in the environmental justice community about the benefits and applicability of pollution prevention and availability of assistance from the funded program and other organizations.



- Produce “self-help” information and educational materials applicable to specific businesses or industries in environmental justice communities for waste and toxicity reduction measures.
- Provide matching challenge grants for multimedia pollution prevention projects. Information collected from the projects would benefit other companies and businesses through technology transfer efforts.
- Identify small community wastewater treatment plants that are detrimentally impacting their receiving streams due to inadequate treatment of industrial effluent.
- Develop facility-specific total cost assessments with four to five small companies within an environmental justice community to demonstrate financial impacts of pollution prevention initiatives.
- Support public involvement in the development of a facility-wide pollution prevention auditing project in an environmental justice community.
- Develop waste prevention options for local stores within an environmental justice community.
- Conduct onsite opportunity assessments of businesses and facilities located in environmental justice communities. Train local officials, solid waste district officials, and sewage treatment plant operators to conduct these assessments.

## **AGRICULTURE:**

- **Conduct research, demonstration projects, or public educational training activities to institutionalize sustainable agricultural practices including integrated pest management techniques to reduce use of pesticides.**

EPA promotes pollution prevention in agriculture through training or education on integrated pest management or other alternatives to pesticide use.

A cooperative training program could be designed to train both migrant farm workers and farm owners on “integrated farm management” techniques, reduced use of pesticides, or substitution of less environmentally damaging pesticides. A proposal could seek to work with farm workers’ groups to educate migrant farm workers on pollution prevention issues and how they may apply to their situation. A proposal also could seek to train farm owners on the benefits of integrated pest management as a means for lowering the potential for worker exposure as well as reducing nonpoint pollution of water resources.

Pollution prevention includes reducing pesticide impacts on children and youth. Children on farms are exposed to pesticides applied to crops and livestock, either directly or via their diet. Suggested interventions for pollution prevention and environmental justice include targeting food

crops consumed in large quantities by children for pesticide reduction programs or expanding the successful practices of working with growers and large commodity groups.

Other project ideas include:

- Target a pollution prevention/environmental justice project toward developing pesticide use reduction plans for sustainable cropping systems for each crop currently dependent on the targeted pesticides. Key stakeholders include farmers, farm workers, processors, researchers, and pest control advisors. These plans might be used to guide site-specific research and implementation projects to hasten the phase out of a targeted chemical by replacing it with an integrated sustainable cropping system, rather than with replacement chemicals. Biologically intensive integrated pest management, cover cropping, crop rotation, reduced synthetic fertilizer and pesticide inputs, and on-farm research are important elements of sustainable cropping systems.

#### **COMBINATION OF ACTIVITIES:**

- Develop a course on pollution prevention technologies and applications that will make information relating to pollution prevention technology and applications available to facilities and others who are addressing the environmental problems of affected communities. The course could include policy regulation updates, problem-solving mechanisms, and materials on available resources and could address the reduction of pollutants across all environmental media. The goal would be to acquire leadership, managerial, and technical skills to successfully implement a cost-effective pollution prevention program in any size organization.
- Conduct a project to demonstrate prevention progress that can be achieved if a whole community focuses major and concerted attention upon implementing pollution prevention as its preferred waste management strategy. Targeted audiences for project activities within the environmental justice community could be business and industry, government and other institutions, and the general public. The waste management strategy could include establishment of a mechanism to develop pollution prevention policies; development of methods to educate local business, industry leaders, and the public on pollution prevention concepts and their daily applications (e.g., providing technical assistance to small businesses to encourage them to implement a pollution prevention program); or establishment of a program for city governments as a model.
- Integrate pollution prevention and energy conservation practices and awareness within various sectors through cooperative partnerships with construction, building, and architecture businesses in the community.
- Assess environmental justice community's existing energy and water usage and determine methods to reduce water usage that will result in reduced wastewater discharge. Provide informational brochures and cable TV broadcasts to the community

on water conservation methods, energy efficiency, and measures for the conservation and source reduction of solid waste.

- Provide workshops and on-site technical assistance in low-income communities. The workshops could promote source reduction and educate generators regarding state and federal regulatory requirements for managing toxic wastes.

## **APPENDIX B: APPLICATION FORMS AND INSTRUCTIONS**

Appendix B contains the following forms and instructions necessary for submitting a grant application:

- Key Contacts Information Sheet ..... B-2
- Application for Federal Assistance, SF 424 ..... B-3
- Customized Instructions for the SF 424 ..... B-4
- Budget Information - Non-Construction Programs, SF 424A ..... B-5
- Customized Instructions for the SF 424A ..... B-7
- Instructions for Detailed, Itemized Budget ..... B-8
- Certification Regarding Debarment, Suspension, and  
Other Responsibility Matters ..... B-9
- Instructions for Certification Regarding Debarment,  
Suspension, and Other Responsibility Matters ..... B-10
- Certification Regarding Lobbying ..... B-11
- Disclosure of Lobbying Activities, SF-LLL ..... B-12
- Instructions for the Completion of SF-LLL ..... B-13

## KEY CONTACTS INFORMATION SHEET

**Authorized Representative:** Original awards and amendments will be sent to this individual for review and acceptance, unless otherwise indicated.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Complete Address: \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

**Payee:** Individual authorized to accept payments.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Complete Address: \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

**Administrative Contact:** Individual from Sponsored Programs Office to contact concerning administrative matters (i.e., indirect cost rate computation and rebudgeting requests, etc.)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Complete Address: \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

**Project Manager:** Individual responsible for the technical completion of the proposed work.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Complete Address: \_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

**Previous Editions Not Usable**

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
EJP2 GRANT PROGRAM  
CUSTOMIZED INSTRUCTIONS FOR THE SF 424**

This is a standard form used by applicants as a required factsheet for applications submitted for federal assistance. It will be used by EPA to obtain applicant certification that states that have established a review and comment procedure in response to Executive Order 12372 and have selected the program to be included in their process, have been given an opportunity to review the applicant's submission.

Item:	Entry:	Item:	Entry:
1.	For the purpose of the EJP2 grant program, all applicants are completing applications for non-construction programs only.	11.	Enter a brief descriptive title of the project. If more than one program is involved, you should append an explanation on a separate sheet. If appropriate (e.g., construction or real property projects), attach a map showing project location.
2.	Date application submitted to EPA (or state if applicable) & applicant's own control number (if applicable).	12.	List only the largest political entities affected (e.g., state, counties, and cities).
3.	State use only (if applicable).	13.	All EJP2 grant projects must have a starting date on or after October 1, 1998, and a ending date no later than September 30, 2000.
4.	If this application is to continue or revise an existing award, enter present federal identifier number. If this application is for a new project, leave blank.	14.	List the applicant's Congressional district and any district(s) affected by the program or project.
5.	Legal name of the applicant, name of primary organizational unit that will undertake the assistance activity, complete address of the applicant, and name and telephone number of the person to contact on matters related to this application.	15.	Please refer to Section III of the EJP2 grant application package for information regarding cost sharing or matching requirements. Amount requested from the Federal government for the entire life of the grant should go into box (a). Cost-sharing or matching amount by the applicant should go into box (b). Please note that the cost-sharing or matching amount by the applicant should equal to the determined percentage of the total cost of the project (e.g., if the total cost of the project is \$100,000, and the mandated applicant cost-sharing or matching amount is 25 percent then the federal portion would equal \$75,000, and the applicant portion would equal \$25,000). The total (box (g)) should reflect the cost for the entire life of the program.
6.	Enter Employer Identification Number (EIN) as assigned by the Internal Revenue Service.	16.	Applicant should contact the State Single Point of Contact (SPOC) for Federal Executive Order 12372 to determine whether the application is subject to the State inter-government review process. A complete listing of SPOC's are attached in Appendix E of the grant guidance.
7.	Enter the appropriate letter in the space provided. Please note that for-profit organizations, federal agencies, and individuals are not eligible for award under the EJP2 grant program.	17.	This question applies to the applicant organization, not the person who signs as the authorized representative. Categories of debt include delinquent audit disallowances, loans, and taxes.
8.	Check appropriate box and enter appropriate letter(s) in the space(s) provided:  --"New" means a new assistance award. --"Continuation" means an extension for an additional funding and budget period for a project with a projected completion date. --"Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation.	18.	To be signed by the authorized representative of the applicant. A copy of the governing body's authorization for you to sign this application as official representative must be on file in the applicant's office. (Certain Federal agencies may require that this authorization be submitted as part of the application).
9.	Name of the federal agency from which assistance is being requested with this application: U.S. Environmental Protection Agency has already been filled in for you.		
10.	The Catalog of Federal Domestic Assistance number and title has been preprinted for your convenience.		

## BUDGET INFORMATION - Non-Construction Programs

## SECTION A - BUDGET SUMMARY

Grant Program Function or Activity (a)	Catalog of Federal Domestic Assistance Number (b)	Estimated Unobligated Funds		New or Revised Budget		Total (g)
		Federal (c)	Non-Federal (d)	Federal (e)	Non-Federal (f)	
1.		\$	\$	\$	\$	\$
2.						
3.						
4.						
5. TOTALS		\$	\$	\$	\$	\$

## SECTION B - BUDGET CATEGORIES

Object Class Categories	GRANT PROGRAM, FUNCTION OR ACTIVITY				Total (5)
	(1)	(2)	(3)	(4)	
a. Personnel	\$	\$	\$	\$	\$
b. Fringe Benefits					
c. Travel					
d. Equipment					
e. Supplies					
f. Contractual					
g. Construction					
h. Other					
i. Total Direct Charges (sum of 6a - 6h)					
j. Indirect Charges					
k. TOTALS (sum of 6i and 6j)	\$	\$	\$	\$	\$
7. Program Income	\$	\$	\$	\$	\$



SECTION C - NON-FEDERAL RESOURCES					
(a) Grant Program	(b) Applicant	(c) State	(d) Other Sources	(e) TOTALS	
8.	\$	\$	\$	\$	
9.					
10.					
11.					
12. TOTALS (sum of lines 8 and 11)	\$	\$	\$	\$	
SECTION D - FORECASTED CASH NEEDS					
	Total for 1st Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
	\$	\$	\$	\$	\$
13. Federal					
14. Non-Federal					
15. TOTAL (sum of lines 13 and 14)	\$	\$	\$	\$	\$
SECTION E - BUDGET ESTIMATES OF FEDERAL FUNDS NEEDED FOR BALANCE OF THE PROJECT					
(a) Grant Program	FUTURE FUNDING PERIODS (Years)				(e) Fourth
	(b) First	(c) Second	(d) Third		
16.	\$	\$	\$	\$	\$
17.					
18.					
19.	\$	\$	\$	\$	\$
20. TOTALS (sum of lines 16 - 19)					
SECTION F - OTHER BUDGET INFORMATION (Attach additional Sheets if Necessary)					
21. Direct Charges:	22. Indirect Charges:				
23. Remarks					

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
EJP2 GRANT PROGRAM  
CUSTOMIZED INSTRUCTIONS FOR THE SF 424A**

This is a standard form used by applicants as a required budget information for applications submitted for federal assistance. It will be used by the EPA to obtain budget information regarding the application.

Please note that a detailed, itemized budget is also required as a part of the EJP2 grant application. Please refer to page B-8 for guidelines for completing the detailed, itemized budget.

Section:                      Entry:

- A.     Please leave blank.
- B.     Please complete column 1 and column 5 of this section. The totals for column 1 and column 5 should equal. If the proposed project is expected to generate income as a result of project activity, please complete column 1 and column 5, row 7, Program Income. If no income is expected, please leave blank.
- C.     Please leave blank.
- D.     Please leave blank.
- E.     Please leave blank.
- F.     Direct charges (box 21) should equal to the total cost of project from section B. If you have an approved indirect charge rate, include estimate for indirect charges in box 22.

## INSTRUCTIONS FOR CONSTRUCTING DETAILED BUDGET INFORMATION

Please follow the format of the sample detailed budget below when constructing your detail budget information form. Whenever possible, include an explanation for specific budget item.

<b>I.     <u>Personnel</u></b>	
0.2 Full time equivalent (FTE) Executive Director at \$40,000 per year	\$ 8,000.00
0.2 FTE Project Coordinator at \$12.00 per hour	4,600.00
0.5 FTE Community Outreach Worker at \$10.00 per hour	<u>9,600.00</u>
	22,200.00
 <b>II.    <u>Fringe Benefits at 10 percent</u></b>	
0.2 FTE Executive Director	\$ 800.00
0.2 FTE Project Coordinator	460.00
0.5 FTE Community Outreach Worker	<u>960.00</u>
	2,220.00
 <b>III.   <u>Travel</u></b>	
Local travel at \$0.26 per mile: outreach coordinator travel to outreach communities	\$ 500.00
2 conference travel: from Chicago, IL to Washington, DC at \$500 per person to present results of project at the end of project	<u>1,000.00</u>
	1,500.00
 <b>IV.    <u>Equipment (Rental)</u></b>	
Audio visual and projector rental: for community outreach presentations	\$ 500.00
Computer equipment	<u>500.00</u>
	1,000.00
 <b>V.     <u>Supplies</u></b>	
Paper and office supplies	\$ 500.00
Postage	500.00
Printing, 1,000 copies of report	1,500.00
Telephone	<u>500.00</u>
	3,000.00
 <b>TOTAL:</b>	 <b>\$ 29,920.00</b>

United States Environmental Protection Agency  
Washington, DC 20460

**Certification Regarding  
Debarment, Suspension, and Other Responsibility Matters**

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

(a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any federal department or agency;

(b) Have not within a 3-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (federal, state, or local) transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(c) Are not presently indicated for or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification;

(d) Have not within a 3-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

---

Typed Name and Title of Authorized Representative

---

Signature of Authorized Representative

---

Date

---

\_\_\_\_\_ I am unable to certify to the above statements. My explanation is attached.

## **INSTRUCTIONS**

Under Executive Order 12549, an individual or organization debarred or excluded from participation in federal assistance or benefit programs cannot receive any assistance award under a federal program, or a subagreement thereunder for \$25,000 or more.

Accordingly, each prospective recipient of an EPA grant, loan, or cooperative agreement and any contract or subagreement participant thereunder must complete the attached certification or provide an explanation why they cannot. For further details, see 40 CFR 32.510, participants' responsibilities, in the attached regulation.

### **Where to Submit:**

The prospective EPA grant, loan, or cooperative agreement recipient must return the signed certification or explanation with its application to EPA Headquarters or the appropriate regional office as required in the application instructions.

A prospective prime contractor must submit a completed certification or explanation to the individual or organization awarding the contract.

Each prospective subcontractor must submit a completed certification or explanation to the prime contractor for the project.

### **How To Obtain Forms:**

EPA includes the certification form, instruction, and a copy of its implementing regulation (40 CFR Part 32) in each application kit. Applicants may reproduce these materials as needed and provide them to their prospective prime contractor, who, in turn, may reproduce and provide them to prospective subcontractors.

Additional copies and assistance may be requested by calling the Grants Administration Division at 202 564-5392 or by writing to:

U.S. Environmental Protection Agency  
Office of Grants and Debarment  
Suspension and Debarment Division (3902R)  
401 M Street, SW.  
Washington, DC 20460

**CERTIFICATION REGARDING LOBBYING**

**CERTIFICATION FOR CONTRACTS, GRANTS,  
LOANS, AND COOPERATIVE AGREEMENTS**

The undersigned certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, *Disclosure Form to Report Lobbying*, in accordance with its instructions.

(3) The undersigned shall require that the language of this certification be included in the award of documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by Section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

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TYPED NAME and TITLE OF AUTHORIZED REPRESENTATIVE

---

SIGNATURE OF AUTHORIZED REPRESENTATIVE

DATE

# Disclosure of Lobbying Activities

Approved by OMB 0348-0046

Complete this form to disclose lobbying activities pursuant to 31 U.S.C. 1352  
(See reverse side for Instructions.)

**Public Reporting Burden** for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0046), Washington, D.C. 20503.

<b>1. Type of Federal Action:</b> <input type="checkbox"/> a. contract <input type="checkbox"/> b. grant <input type="checkbox"/> c. cooperative agreement <input type="checkbox"/> d. loan <input type="checkbox"/> e. loan guarantee <input type="checkbox"/> f. loan insurance	<b>2. Status of Federal Action:</b> <input type="checkbox"/> a. bid/offer/application <input type="checkbox"/> b. initial award <input type="checkbox"/> c. post-award	<b>3. Report Type:</b> <input type="checkbox"/> a. initial filing <input type="checkbox"/> b. material change <b>For Material Change Only:</b> year _____ quarter _____ date of last report _____
<b>4. Name and Address of Reporting Entity:</b> <input type="checkbox"/> Prime <input type="checkbox"/> Subawardee      Tier _____, if known:   Congressional District, if known: _____		<b>5. If Reporting Entity in No. 4 is Subawardee, enter Name and Address of Prime:</b>   Congressional District, if known: _____
<b>6. Federal Department/Agency:</b>   _____		<b>7. Federal Program Name/Description:</b>   CFDA Number, if applicable: _____
<b>8. Federal Action Number, if known:</b>  _____		<b>9. Award Amount, if known:</b> \$ _____
<b>10a. Name and Address of Lobbying Registrant</b> (if individual, last name, first name, MI):   _____		<b>b. Individuals Performing Services</b> (including address if different from No. 10a.) (last name, first name, MI):   _____

11. Information requested through this form is authorized by Sec.319, Pub. L. 101-121, 103 Stat. 750, as amended by sec. 10; Pub. L. 104-65, Stat. 700 (31 U.S.C. 1352). This disclosure of lobbying activities is a material representation of fact upon which reliance was placed by the above when this transaction was made or entered into. This disclosure is required pursuant to 31 U.S.C. 1352. This information will be reported to the Congress semiannually and will be available for public inspection. Any person who fails to file the required disclosure shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Signature: \_\_\_\_\_

Print Name: \_\_\_\_\_

Title: \_\_\_\_\_

Telephone No.: \_\_\_\_\_ Date: \_\_\_\_\_

**Federal Use Only**

Authorized for Local Reproduction  
Standard Form-LLL (1/96)

## Instructions for Completion of SF-LLL, Disclosure of Lobbying Activities

This disclosure form shall be completed by the reporting entity, whether subawardee or prime Federal recipient, at the initiation or receipt of a covered Federal action, or a material change to a previous filing, pursuant to title 31 U.S.C. section 1352. The filing of a form is required for each payment or agreement to make payment to any lobbying entity for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with a covered Federal action. Complete all items that apply for both the initial filing and material change report. Refer to the implementing guidance published by the Office of Management and Budget for additional information.

1. Identify the type of covered Federal action for which lobbying activity is and/or has been secured to influence the outcome of a covered Federal action.

2. Identify the status of the covered Federal action.

3. Identify the appropriate classification of this report. If this is a followup report caused by a material change to the information previously reported, enter the year and quarter in which the change occurred. Enter the date of the last previously submitted report by this reporting entity for this covered Federal action.

4. Enter the full name, address, city, state and zip code of the reporting entity. Include Congressional District, if known. Check the appropriate classification of the reporting entity that designates if it is, or expects to be, a prime or subaward recipient. Identify the tier of the subawardee, e.g., the first subawardee of the prime is the 1st tier. Subawards include but are not limited to subcontracts, subgrants and contract awards under grants.

5. If the organization filing the report in item 4 checks "Subawardee", then enter the full name, address, city, state and zip code of the prime Federal recipient. Include Congressional District, if known.

6. Enter the name of the Federal agency making the award or loan commitment. Include at least one organizational level below agency name, if known. For example, Department of Transportation, United States Coast Guard.

7. Enter the Federal program name or description for the covered Federal action (item 1). If known, enter the full Catalog of Federal Domestic Assistance (CFDA) number for grants, cooperative agreements, loans, and loan commitments.

8. Enter the most appropriate Federal identifying number available for the Federal action identified in item 1 (e.g., Request for Proposal (RFP) number; Invitation for Bid (IFB) number; grant announcement number; the contract, grant, or loan award number; the application proposal control number assigned by the Federal agency). Include prefixes e.g., "RFP-DE-90-001."

9. For a covered Federal action where there has been an award or loan commitment by the Federal agency, enter the Federal amount of the award/loan commitment for the prime entity identified in item 4 or 5.

10. (a) Enter the full name, address, city, state and zip code of the registrant under the Lobbying Disclosure Act of 1995 engaged by the reporting entity identified in item 4 to influence the covered Federal action.

(b) Enter the full names of the individual(s) performing services, and include full address if different from 10 (a). Enter Last Name, First Name, and Middle Initial (MI).

11. The certifying official shall sign and date the form, print his/her name, title, and telephone number.



## APPENDIX C: CHECKLIST OF APPLICATION MATERIALS

Please be sure to include all the items listed on the checklist in your application packet. Each item should be clearly identified and arranged in the following order. In order to help conserve paper, please provide double-sided copies whenever possible.

- ☐ Application for Federal Assistance, SF 424.
- ☐ The Federal Standard Form SF 424A.
- ☐ A **one page** summary cover sheet.
- ☐ Narrative of the proposal not to exceed 5 double-sided pages (10 pages in all).
- ☐ Key Contacts Information Sheet.
- ☐ Detailed, itemized budget.
- ☐ Certification of Non-Construction.
- ☐ Certification Regarding Debarment, Suspension, and Other Responsibility Matters.
- ☐ Certification Regarding Lobbying.
- ☐ Disclosure of Lobbying Activities.
- ☐ Letters of commitment, memoranda of understanding, or other documents.
- ☐ Resumes or biographical information regarding the lead investigator and other key personnel in the grant application.
- ☐ Any additional information deemed useful by the applicant.

The total number of pages per application may not exceed 20 double-sided pages (40 pages in all).

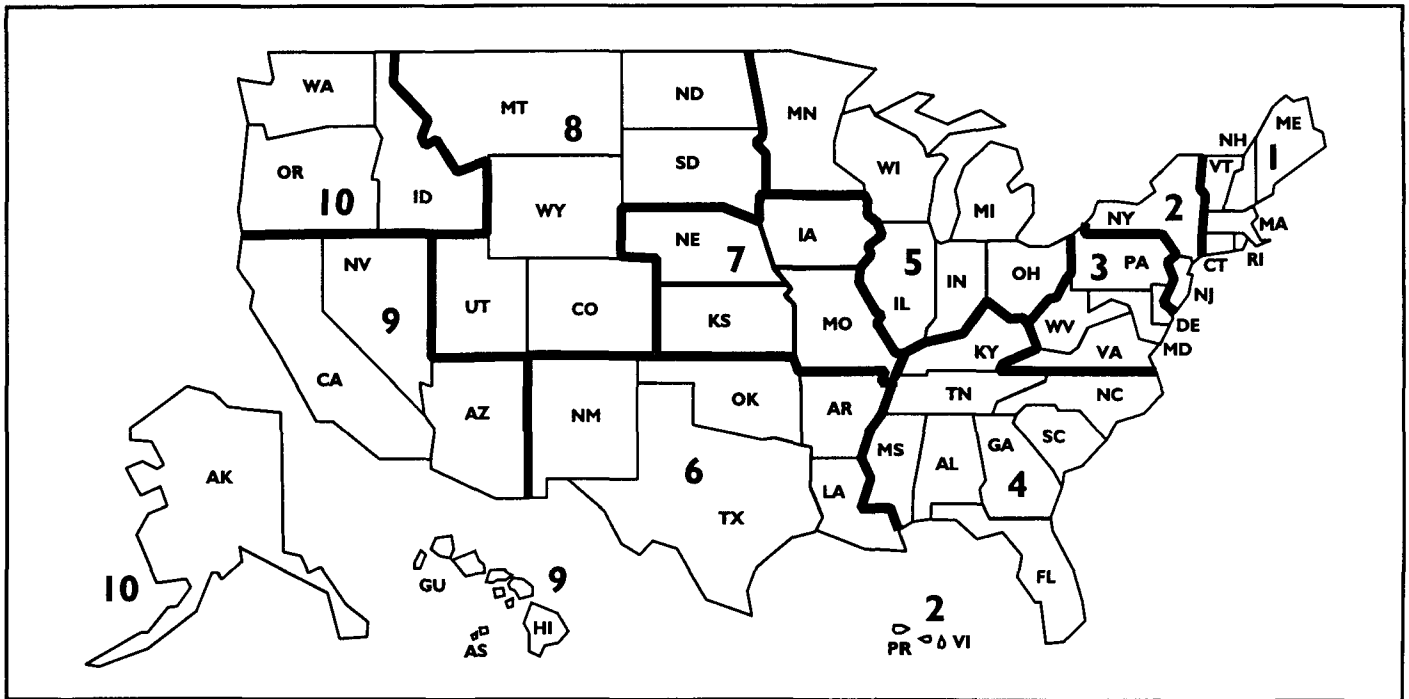
Please include one **original** (with original signatures where appropriate) and **four copies** of the application packet.

**Proposals must be received by EPA at the following address no later than 5 p.m., April 20, 1998:**

EJP2 Grant Program  
c/o ERG  
2200 Wilson Boulevard, Suite 400  
Arlington, VA 22201

For questions concerning the grant program guidance, or for additional information, please call 703 841-0483.

# Appendix D: Map of EPA Regions



## EPA Regional Offices and State Breakdown

Alabama	4	Maine	1	Pennsylvania	3
Alaska	10	Maryland	3	Rhode Island	1
Arizona	9	Massachusetts	1	South Carolina	4
Arkansas	6	Michigan	5	South Dakota	8
California	9	Minnesota	5	Tennessee	4
Colorado	8	Mississippi	4	Texas	6
Connecticut	1	Missouri	7	Utah	8
Delaware	3	Montana	8	Vermont	1
District of Columbia	3	Nebraska	7	Virginia	3
Florida	4	Nevada	9	Washington	10
Georgia	4	New Hampshire	1	West Virginia	3
Hawaii	9	New Jersey	2	Wisconsin	5
Idaho	10	New Mexico	6	Wyoming	8
Illinois	5	New York	2	American Samoa	9
Indiana	5	North Carolina	4	Guam	9
Iowa	7	North Dakota	8	Puerto Rico	2
Kansas	7	Ohio	5	Virgin Islands	2
Kentucky	4	Oklahoma	6		
Louisiana	6	Oregon	10		

<b>Region 1</b>	Connecticut Maine Massachusetts New Hampshire Rhode Island Vermont	<b>Region 4</b>	Alabama Florida Georgia Kentucky Mississippi North Carolina South Carolina Tennessee	<b>Region 6</b>	Arizona Louisiana New Mexico Oklahoma Texas	<b>Region 9</b>	Arizona California Hawaii Nevada American Samoa Guam
<b>Region 2</b>	New Jersey New York Puerto Rico Virgin Islands	<b>Region 5</b>	Illinois Indiana Michigan Minnesota Ohio Wisconsin	<b>Region 7</b>	Iowa Kansas Missouri Nebraska	<b>Region 10</b>	Alaska Idaho Oregon Washington
<b>Region 3</b>	Delaware District of Columbia Maryland Pennsylvania Virginia West Virginia			<b>Region 8</b>	Colorado Montana North Dakota South Dakota Utah Wyoming		

## **APPENDIX E: STATE SINGLE POINTS OF CONTACT**

Your application to this EPA program may be subject to your state's inter-governmental review process and/or consultation requirements under Section 204, Demonstration Cities and Metropolitan Development Act. Listed below are the Single Point-of-Contacts for the states and U.S. territories with a designated Single Point-of-Contact. Please check the list to see if such review is required in your state or territory. Those states and U.S. territories that are not listed do not have an established single point-of-contact. For further information regarding Single Points-of-Contact, please call EPA at 202 564-5311. *Please also note that federally recognized tribal organizations are not required to comply with this procedure.*

### **ARIZONA**

Ms. Joni Saad  
Arizona State Clearinghouse  
3800 North Central Avenue  
Fourteenth Floor  
Phoenix, AZ 85012  
Phone: 602 280-1315  
Fax: 602 280-8144

### **ARKANSAS**

Mr. Tracy L. Copeland, Manager  
State Clearinghouse  
Office of Intergovernmental Services  
Department of Finance and Administration  
1515 West Seventh Street, Room 412  
Little Rock, AR 72203  
Phone: 501 682-1074  
Fax: 501 682-5206

### **CALIFORNIA**

Grants Coordinator  
Office of Planning and Research  
1400 Tenth Street, Room 121  
Sacramento, CA 95814  
Phone: 916 323-7480  
Fax: 916 323-3018

### **DELAWARE**

Mrs. Francine Booth  
State Single Point of Contact  
Executive Department, Office of the Budget  
Thomas Collins Building  
P.O. Box 1401  
Dover, DE 19903  
Phone: 302 739-3326  
Fax: 302 739-5661

### **DISTRICT OF COLUMBIA**

Mr. Charles E. Nichols  
State Single Point of Contact  
Office of Grants Management and  
Development  
717 14th Street, NW, Suite 400  
Washington, DC 20001  
Phone: 202 727-6554  
Fax: 202 727-1617

### **FLORIDA**

Florida State Clearinghouse  
Department of Community Affairs  
2740 Centerview Drive  
Tallahassee, FL 32399-2100  
Phone: 904 922-5438  
Fax: 904 487-2899

### **GEORGIA**

Mr. Tom Reid, III, Coordinator  
Georgia State Clearinghouse  
270 Washington Street, SW, Eighth Floor  
Atlanta, GA 30334  
Phone: 404 656-3855  
Fax: 404 656-3828

**ILLINOIS**

Ms. Virginia Bova  
Single Point of Contact  
Department of Commerce and Community  
Affairs  
James R. Thompson Center  
100 West Randolph, Suite 3-400  
Chicago, IL 60601  
Phone: 312 814-6028  
Fax: 312 814-1800

**INDIANA**

Ms. Frances E. Williams  
State Budget Agency  
212 State House  
Indianapolis, IN 46204  
Phone: 317 232-5619  
Fax: 317 233-3323

**IOWA**

Mr. Steven R. McCann  
Division for Community Assistance  
Iowa Department of Economic Development  
200 East Grand Avenue  
Des Moines, IA 50309  
Phone: 515 242-4719  
Fax: 515 242-4809

**KENTUCKY**

Mr. Ronald W. Cook  
Office of the Governor  
Department of Local Government  
1024 Capital Center Drive  
Frankfort, KY 40601-8204  
Phone 502 573-2382  
Fax 502 573-2512

**MAINE**

Ms. Joyce Benson  
State Planning Office  
184 State Street  
38 State House Station  
Augusta, ME 04333  
Phone: 207 287-3261  
Fax: 207 287-6489

**MARYLAND**

Mr. William G. Carroll, Manager  
Plan and Project Review  
Maryland Office of Planning  
301 West Preston Street, Room 1104  
Baltimore, MD 21201-2365  
Phone: 410 767-4490  
Fax: 410 767-4480

**MICHIGAN**

Mr. Richard Pfaff  
Southeast Michigan Council of Governments  
660 Plaza Drive, Suite 1900  
Detroit, MI 48226  
Phone: 313 961-4266  
Fax: 313 961-4869

**MISSISSIPPI**

Ms. Cathy Mallette, Clearinghouse Officer  
Department of Finance and Administration  
455 North Lamar Street  
Jackson, MS 39202-3087  
Phone: 601 359-6762  
Fax: 601 359-6764

**MISSOURI**

Ms. Lois Pohl  
Federal Assistance Clearinghouse  
Office of Administration  
P.O. Box 809  
Room 760, Truman Building  
Jefferson City, MO 65102  
Phone: 314 751-4834  
Fax: 314 751-7819

**NEVADA**

Department of Administration  
State Clearinghouse  
Capital Complex  
Carson City, NV 89710  
Phone: 702 687-4065  
Fax: 702 687-3983

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## **APPENDIX F: SUMMARY OF PREVIOUS GRANT AWARDS**

### **FISCAL YEAR 1995**

#### **REGION 1**

##### **BOWDOIN STREET HEALTH CENTER: A PILOT SMALL BUSINESS ASSISTANCE PROGRAM IN A DIVERSE, URBAN COMMUNITY** **Grant Award: \$53,450**

In communities of color, such as the area in which the Bowdoin Street Health Center is located, there exist small businesses owned and operated by individuals who reflect the diversity of the neighborhood. Oftentimes the businesses produce environmental pollution that affects the workers and nearby residents. This project is targeting automotive repair and autobody and laundry and dry-cleaning businesses. The project will add a Certified Industrial Hygienist to the community health center's occupational health clinic. The industrial hygienist will help automotive repair and bodyshops and dry-cleaning businesses to comply with all regulations; decrease the amount of hazardous and toxic substances they use; train both employers and employees on proper work practices in using these materials; and assist in the formation of a Community Environmental Committee composed of business owners, employees, community residents, and BSHC staff.

##### **NORTHEAST WASTE MANAGEMENT OFFICIALS ASSOCIATION (NEWMOA): UTILIZING POLLUTION PREVENTION TO ATTAIN COMPLIANCE IN SMALL BUSINESSES: A MULTI-MEDIA TECHNICAL ASSISTANCE PROGRAM** **Grant Award: \$53,450**

Automotive repair facilities are situated throughout environmental justice zones and represent a significant source of pollution generation. Possible exposure to hazards related to auto repair is not limited to the employees of the businesses. The entire community surrounding these shops can be at risk. The Northeast Waste Management Official's Association (NEWMOA) proposes to develop a program to address these issues. Through this project NEWMOA will develop a program to assist small automotive repair firms within environmental justice communities to utilize pollution prevention as their primary tool for achieving compliance with environmental regulations. The project will develop an educational tool and implement an outreach program. The educational tool will consist of a synthesized multimedia information packet that will be designed to inform auto repair facilities of how to identify P2 opportunities and use source reduction as their primary tool for achieving compliance with environmental regulations. Outreach will be conducted to inform auto repair shops and community organizations of pollution prevention resources. The project also will establish links between state and regional P2 programs and community organizations, creating a forum for these programs to share information.

##### **PEER PARTNERSHIPS, INC.: NOTHING TO WASTE** **Grant Award: \$100,000**

Recognizing the connection between excess environmental waste and inadequate economic resources, the "Nothing to Waste" initiative links proven pollution prevention and community economic development methodologies to pilot a model to reduce the waste and increase the resources of microbusinesses in low-income communities of color throughout New England. The initiative links the business development and credit strategies of Working Capital with the pollution prevention expertise of Cambridge Environmental, the environmental education and training experience of Tufts University, and mentorship and waste sharing models developed by EPA. A primary approach of "Nothing to Waste" is to tap into and link existing resources and programs that work, rather than create new and unrelated programs or invent untested approaches. The program includes: 1) incorporating P2 training modules into an existing business development curriculum being used by microenterprise peer groups operating throughout New England's low-income communities; 2) transferring the expertise of larger corporations to micro-businesses through mentorships, tapping into already existing EPA and state-sponsored WasteCap programs; 3) providing access to capital for microbusinesses implementing P2 strategies using capital already secured by major banks and foundations; 4) promoting more effective use of scarce community resources by encouraging the use of wastes as resources and providing a vehicle for micro-entrepreneurs to access existing regional and national waste sharing networks; 5) expanding the reach of successful existing business and environmental networks.

**ROXBURY COMMUNITY COLLEGE: ADVANCING ENVIRONMENTAL JUSTICE THROUGH  
POLLUTION PREVENTION: A TRAINING PROGRAM AT THE ROXBURY COMMUNITY COLLEGE**

**Grant Award: \$100,000**

This project is a collaboration between the Roxbury Community College and the Tellus Institute. There are an estimated 40 auto maintenance and repair shops within the Roxbury area of Boston. As a result, pollution from used motor oil, old tires, and toxic paints directly impacts workers and neighbors and the air and water quality of the community. Concerns about these businesses surface repeatedly in meetings with Dudley Street Neighborhood Initiative, Environmental Diversity Forum, and other participants in the Roxbury-based Hazards Working Group. In addition, other small service-oriented businesses, such as dry cleaning and printing establishments, that are found in many low-income and minority urban neighborhoods pose similar risks from solvents and other chemicals. Pollution prevention is a key strategy for addressing the environmental burdens associated with these businesses while enhancing their long-term economic viability. Roxbury Community College, in collaboration with Tellus Institute, will design a program comprising of three components designed to reach three audiences within the community: 1) a one-semester introduction to P2 for RCC students; 2) three industry-specific workshops to train owners, managers, and employees in concrete P2 alternatives for auto maintenance and repair, dry cleaning, and printing; 3) an annual conference for high school students from across the city to introduce them to educational and career opportunities in P2 and environmental management. The curriculum will serve as a model for other community colleges and training institutions across the country.

**TRUSTEES OF HEALTH AND HOSPITALS: THE REDUCTION OF HAZARDOUS WASTE FOR  
AUTOMOTIVE BODY AND REPAIR SHOPS IN BOSTON**

**Grant Award: \$53,450**

In the city of Boston, automotive shops located in minority and low-income neighborhoods have increasingly become an egregious source of uncontrolled hazardous waste. Health centers in these neighborhoods have reported startling incidences of accidental direct and indirect exposure of the public to local automotive shop toxins. This project proposes to address this issue by developing a 15 to 20 minute training film for auto shop owners on how to establish and maintain sound environmental pollution prevention practices. The film will emphasize ways in which pollution prevention can enhance community cleanliness, provide economic benefits, and protect worker health. To ensure that the film reaches auto shop owners, required viewing of the film will be institutionalized into the city's auto shop permitting process.

**WASTE WATCH CENTER: CAMBODIAN HOUSEHOLD HAZARDOUS WASTE POLLUTION  
PREVENTION PROJECT**

**Grant Award: \$39,649**

This project is a collaboration between the Waste Watch Center and the Cambodian Mutual Assistance Association of Greater Lowell, Inc. The project will provide education, outreach, and technical assistance in pollution prevention to the Cambodian community in Lowell, MA. The objectives of this project are: 1) to prevent automotive and household hazardous wastes from being improperly disposed of in municipal solid waste and wastewater and storm drain systems; and 2) to reduce home poisoning, indoor air pollution, injury, and illness by educating the Cambodian American population on the proper use, storage, and disposal of household hazardous chemicals. The project will result in measurable reductions in use, storage and improper disposal of household hazardous wastes; healthier and safer home and neighborhood environments; reduced quantities of hazardous waste in municipal solid waste; more efficient and cost-effective treatment of wastewater and storm drain runoff; improved water quality in the Merrimack River; and enhanced integration of the Cambodian-American population into the civic and social fabric of Greater Lowell.

**REGION 2**

**CITIZENS ENVIRONMENT RESEARCH INSTITUTE: ENVIRONMENTAL JUSTICE THROUGH  
POLLUTION PREVENTION FOR GARDEN CITY PARK, NY**

**Grant Award: \$100,000**

The Garden City Park Industrial Park area is the source of one of the largest ground-water contamination plumes in New York State and in the U.S. The adjacent residential neighborhood is more than 50 percent African American and Hispanic. Although the area has been listed as a NYS Superfund site, the residents remain largely uninformed about pollution prevention. This project will achieve pollution reduction in the Garden City Park area through a



seven-point program aimed at the residents and the responsible business community. A partnership of residents, businesses, and government and civic leaders will develop a Community Wide Pollution Reduction plan to help residents reduce the pollution they control such as water wastage, pesticides, and hazardous chemicals. The businesses will reduce pollution through changes in processes, raw materials, and procedures. Residents and businesses will be taught to conduct environmental audits, and experts will work closely with the community to ensure proper training, skills development, and design and implementation of pollution reduction plans.

**CLEAN WATER FUND: POLLUTION PREVENTION BEGINS AT HOME**

**Grant Award: \$11,663**

This project will be implemented in partnership with the New Jersey Head Start Association (NJHSA) and the New Jersey Environmental Federation (NJEF). Its purpose is to revise the Clean Water Fund's (CWF's) existing consumer and pollution prevention education exhibit and literature, known as Home SAFE Home and Environmental Shoppers Campaign. CWF will work with NJHSA and NJEF to ensure that the materials address the diverse cultural, racial, and economic backgrounds and diverse language and literacy skills of the Head Start community. Pollution prevention educational and training models produced through this project will be made available for other communities of color and urban settings.

**COUNCIL ON THE ENVIRONMENT, INC.: GREENPOINT-WILLIAMSBURG POLLUTION PREVENTION PROJECT (GWPP)**

**Grant Award: \$49,452**

This project addresses environmental justice issues in one of the most polluted communities in New York City. Greenpoint/Williamsburg is home to three major ethnic groups: Latino, Polish, and Hasidic Jewish. The neighborhood became the target of illegal dumping, the site of hazardous waste facilities and heavy industry, the scene of excessive exposure to lead, and the home of one of NYC's largest and most problematic wastewater treatment plants. The GWPP calls for hundreds of local high school students participating in the Council on the Environment's award-winning Training Student Organizers Program to learn about the environmental problems afflicting their area, to organize action and service projects to ameliorate some of these problems, and to educate local youth and adult residents about the issues and motivate them.

**DUNBAR ASSOCIATION, INC.: DUNBAR ASSOCIATION'S MINORITY BUSINESS POLLUTION PREVENTION PROJECT**

**Grant Award: \$100,000**

Dunbar Association's project seeks to address the fact that many minority-owned small businesses in Syracuse, NY, contribute to the pollution in their community. These businesses are frequently located in minority communities. The initiative will: educate the community about pollution prevention; identify the pollution problems at a number of small businesses and provide technical and material support to remedy those problems; and provide financial support to those businesses in the form of loans, which will be used to implement pollution prevention initiatives. The goal of the project is to create a means by which minority small business owners can implement changes (in processes, and equipment, etc.) that will have environmental and health benefits without undermining the economic well-being of the businesses. The program will work cooperatively within existing frameworks such as the Pan-African Business Association (PABA) and other Native American and Latino organizations.

**EL PUENTE OF WILLIAMSBURG: THE COMMUNITY RIGHT TO ACT PROJECT: ENVIRONMENTAL EDUCATION AND POLLUTION PREVENTION TRAINING AND NEGOTIATION IN GREENPOINT-WILLIAMSBURG**

**Grant Award: \$98,885**

The Greenpoint-Williamsburg community in Brooklyn, NY, is home to several heavy industries. Based on TRI data, the toxic emissions in Greenpoint-Williamsburg are 60 times greater than the U.S. average. The community is predominantly comprised of Hasidic Jews, Latinos, African-Americans, Poles, and Italians. The Community Right to Act Project has three primary objectives: 1) increase community empowerment through education and training; 2) reduce pollution through creating community pollution prevention teams and developing prevention strategies to address problems arising from local industries; and 3) begin a long-term planning process for environmentally sustainable community development. The project will establish an adult environmental education program and a community assessment program to evaluate existing hazards using a Geographic Information System. In addition, the project will develop a series of pollution prevention strategies to address the problems uncovered. El Puente will

work cooperatively with several organizations, including the New York Committee for Occupational Safety and Health, the Environmental Defense Fund, and the New York City Department of Environmental Protection.

**ISLES, INC.: ISLES' ENERGY CONSERVATION PROGRAM**

**Grant Award: \$25,000**

The city of Trenton, NJ, is more than 66 percent low- and moderate-income and nearly 70 percent minority. It is located downwind from a coal-fired electric and gas facility, which has led to extremely poor air quality. Isles feels that to prevent deteriorating air quality, a key area for attention is limiting energy production. This project will teach fifth graders, and train teachers at two Trenton elementary schools, about the value and technique of energy conservation. The program will demonstrate how to decrease energy use in homes and schools and begin to reduce energy production in their community. In cooperation with Public Service Electric & Gas (PSE&G) and the City of Trenton school district, Isles will show children how to conduct their own energy audits and engage families and school administrators in pollution prevention methods. In addition, with PSE&G, grants and discounts will be provided to convert existing bulbs and fixtures to energy-efficient models in both schools and homes. The project will result in a more efficient use of energy resources and substantial savings for families and the city of Trenton.

**REGION 3**

**ALICE HAMILTON OCCUPATIONAL HEALTH CENTER SMALL BUSINESS AND COMMUNITY POLLUTION PREVENTION INITIATIVE**

**Grant Award: \$81,670**

This project focuses on economically disadvantaged communities located in Washington, DC, Baltimore and P.G. County, MD, and the small businesses that serve them. The initiative will include series of environmental health promotions and training for community members and small business employees, provide small businesses and the community with technical assistance in dealing with environmental health issues and P2 solutions and in-depth assistance for small businesses identified by the grantee.

**DELAWARE VALLEY CITIZENS' COUNCIL FOR CLEAN AIR: POLLUTION PREVENTION BEGINS WITH US**

**Grant Award: \$46,200**

The program is designed to work with Mount Airy and Germantown communities (racially and economically diverse communities near Philadelphia) so that P2 becomes part of the daily routine of households, local businesses, government offices, and community organizations and institutions. Goals of the program include establishing a waste reduction information and technical assistance center; developing a community-based task force to oversee waste reduction strategies; assisting businesses, institutions, and residents with the development and implementation of waste reduction strategies; creating an effective media campaign to promote these communities' efforts; and preparing and releasing the *P2 Begins With Us Report* to evaluate the program and assist other communities in their waste reduction efforts.

**NEW RIVER-HIGHLAND RC&D COUNCIL: ADOPT-A-WATERSHED PROJECT**

**Grant Award: \$96,960**

This program is designed to work with Smyth and Washington Counties, VA. The region's unemployment rates are consistently higher than state and national averages. The median family income for the area is \$25,235, which is 66 percent of the state average. The goal of this project is to increase teacher, student, farmer, and community understanding of how non-point source (NPS) pollution prevention can prevent adverse impact of NPS agriculture and urban NPS pollution in Washington and Smyth Counties. Goals of the program include establishing a two-year pilot Adopt-a-Watershed Program, providing training and support to educators on watershed planning and management, increasing the number of teachers who offer natural resource and water quality studies as part of their curriculum, improving the IBI rating of six watersheds, increasing the voluntary installation of AG BMPs in the adopted watershed.

**PAINTERS AND ALLIED TRADES LABOR MANAGEMENT COOPERATION FUND:****ENVIRONMENTAL JUSTICE AND POLLUTION PREVENTION IN PAINTING Grant Award: \$94,875**

The proposed P2 in Paint (P2iP) project will be an expansion of existing lead-based paint abatement program to develop the abilities of painters to apply prevention practices at work sites. Existing education materials will be modified for public housing residents, including the translation of materials into Spanish. Instructors will be trained in English and Spanish. Training seminars will be delivered to painting apprentices, painters, and painting contractors who work on public housing construction projects. A minimum of 20 4-hour seminars will be delivered to 300 public housing residents, painters, and contractors. Participants will be tested upon the completion of training, and test results will be analyzed. A 6-month follow-up survey will be administered to students to gauge their ability to apply P2 training at their worksites. A survey of painting contractor and paint vendors will be conducted to establish the level of knowledge and awareness of EJ and P2 among the community. The results will be published. An EJ-P2iP communications network will be established to link the painting industry and the public to a clearinghouse for information on EJ, P2, and health issues related to painting.

**UNIVERSITY OF MARYLAND AT EASTERN SHORE: ENVIRONMENTAL JUSTICE PARTNERSHIP  
BETWEEN UNIVERSITY AND PUBLIC SCHOOL****Grant Award: \$49,940**

UMES is a historically black college, and consists of a diverse student body, the majority of which is African American. The target school is Eastern Senior High School, which is comprised of students from a neighborhood in the District of Columbia classified as economically disadvantaged. An overwhelming majority of the Eastern students are racial minorities. The goal of the grant is two-fold: 1) educate teachers and students at Eastern on P2, focusing on conservation; and 2) develop awareness in EJ and help train students as facilitators to educate other citizens in inner city environments, and to empower those communities targeted as dumping grounds for environmental pollutants. UMES faculty will train Eastern teachers and students on conservation techniques and EJ. A major project will be Eastern High's participation in the cleanup of the Anacostia River.

**REGION 4****BROWARD COUNTY DEPARTMENT OF NATURAL RESOURCES: ENVIRONMENTAL JUSTICE  
THROUGH POLLUTION PREVENTION IN BROWARD COUNTY, FL AIMED AT SCHOOLS,  
RESIDENTS AND BUSINESSES****Grant Award: \$80,000**

This project targets Broward County, an area of Florida where more than 25 percent of the population lives below the poverty level and more than 25 percent of the population is nonwhite. Through a series of workshops, the project will provide education on the environment and pollution prevention to residents, businesses, and children. Residents will receive assistance from pollution prevention professionals to improve the environmental quality of their neighborhoods. Businesses that create pollution caused by improper handling or disposal of hazardous materials and solid waste will be offered pollution prevention site assessments and written recommendations by professionals. The grantee will work cooperatively with the American Forests Cool Communities Program, a nonprofit conservation organization designed to implement strategic tree planting and surface color lighting in selected communities. Portions of the grant money will be allocated toward purchasing trees to plant around homes and for light-colored shingles, paint, and asphalt for parking lots in environmental justice neighborhoods. This will result in lower cooling costs and less smog.

**CARROLL COUNTY FISCAL COAST: THE CARROLL COUNTY POLLUTION ABATEMENT AND  
CONSERVATION PROJECT****Grant Award: \$23,714**

Carroll County, KY, a predominantly low- and moderate-income area, depends on two sources for its water supply. The intent of this project is to ensure permanent, adequate supplies of clean and affordable water for area residents. With input from several key members of the affected community, the Carroll County Water Supply Board will develop a water supply plan and ground-water model of the Carroll County alluvial aquifer that identifies, quantifies, and attempts to predict water supply needs of the community. The project will educate community residents and businesses about the dynamics of the aquifer so they may take steps to protect it. The published report and ground-water model that will result from the project will be a reference for all ground-water users in the Carrollton area. By

providing a common base to all users, the study will provide the tools necessary for the rational management of ground-water. The study and model will also assist the county in complying with Kentucky's water supply regulations that require that Carroll County assess quality and quantity via a protection plan.

**CITY OF ATLANTA, GA: POLLUTION PREVENTION OPPORTUNITIES IN LOW-INCOME AND MINORITY AREAS WITHIN THE CITY OF ATLANTA**

**Grant Award: \$50,000**

This project focuses on developing a program of public outreach and industrial technical assistance for pollution prevention in low-income and minority communities in Atlanta. The project seeks to develop a partnership between the city of Atlanta, several state environmental organizations, and stakeholders such as industry and residents of environmental justice communities. Through this partnership, strategies and techniques for the delivery of pollution prevention assistance will be developed. Project planning and implementation will provide an opportunity for manufacturers and residents to exchange perspectives and information on issues of mutual concern related to pollution prevention. Efforts will be focused on seeking the voluntary involvement of several companies to receive in-depth, onsite assistance and pollution prevention training. The lessons learned during this project will serve as a model for addressing pollution prevention issues in similarly situated communities throughout the country.

**DADE COUNTY, FL: POLLUTION PREVENTION AS A TOOL TO FIGHT ENVIRONMENTAL INJUSTICES IN MINORITY COMMUNITIES**

**Grant Award: \$84,536**

The Dade County Department of Environmental Resources Management's (DERM's) project will target the city of Opa-Locka, a small, primarily black community, whose residential area is directly impacted by emissions and discharges resulting from nearby industrial activities. DERM will work with local community and industrial associations to provide training and to actively solicit on-site technical audits. Educational workshops will be held at times and in locations that are convenient for the local industrial sector, and the residential community will be encouraged to participate in these efforts. Existing educational materials will be modified and distributed throughout the community. The project's goal is to benefit both the residential and industrial communities by reducing wastes through pollution prevention. The information and results gathered from this project will be used to assist other minority communities throughout Dade County and will be transferrable to other cities with minority populations.

**NORTHAMPTON COUNTY, NC: POLLUTION PREVENTION TO PROTECT HUMAN HEALTH AND WATER RESOURCES IN NORTHAMPTON COUNTY AND BERTIE COUNTY, NC**

**Grant Award: \$80,000**

This educational program will focus on community involvement and training to protect local ground-water drinking water supplies and surface-water resources. The objectives of the program are to help residents of the targeted counties who depend on ground-water as a drinking water source to assess potential sources of contamination at farmsteads or homes and reduce these risks. Practices adopted to protect ground-water drinking water supplies will also decrease the possibility of nonpoint source pollution loadings to nearby surface waters. The program will be implemented through the Extension Centers of the targeted counties. The two primary components of the program are: 1) free well testing for low-income and minority residents in the two-county project area and 2) training of volunteers to use the Farmstead/Home Assessment System (Farm\*A\*Syst/Home\*A\*Syst--a nationally recognized environmental program designed to increase farmers' awareness of environmental concerns on their farm and of pollution prevention practices that may alleviate risks) materials and conduct assessments in their communities.

**POARCH CREEK INDIANS: AGRICULTURE POLLUTION PREVENTION DEMONSTRATION PROJECT**

**Grant Award: \$90,000**

After years of agricultural runoff, the surface waters and watershed of the Poarch Creek Indian reservation, located in Alabama, have become impaired. The goal of this project is to improve the surface-water quality of the Poarch Creek Indian Community through the application of pollution prevention measure and/or best management practices (BMPs). The tribe will form a partnership consisting of all Poarch Creek Community landowners, farmers, Indians and non-Indians, and federal and state agencies to develop an agriculture pollution prevention plan and strategy for the Poarch Community area, conduct a demonstration of agriculture pollution prevention measures or BMPs, include in demonstrations measures or BMPs that are innovative but economically feasible, and involve the whole community in all phases of the project.

## **SOUTHFACE ENERGY INSTITUTE: POLLUTION PREVENTION IN ATLANTA NEIGHBORHOODS**

**Grant Award: \$70,000**

This project is a joint initiative between two nonprofit organizations in GA: the Community Housing Resource Center and the Southface Energy Institute. The organizations will work with leaders from community-based groups, the private sector, and government to incorporate pollution prevention as part of low-income and minority community revitalization in Atlanta. A major focus of the project will be helping low-income and minority communities improve the energy, water, and resource efficiency of their buildings to provide economic benefits and reduce greenhouse gases and other pollutants. Emphasis also will be placed on reducing pollution caused by the construction and renovation of buildings in the target communities such as lead, asbestos, radon, and combustion byproducts.

## **UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE: DEVELOPMENT OF A MODEL COMMUNITY-INVOLVED POLLUTION PREVENTION PROGRAM WITHIN WELLHEAD PROTECTION AREAS FOR LOW-INCOME COMMUNITIES**

**Grant Award: \$21,750**

This project's objective is to demonstrate through nonregulatory means how low-income communities dependent on groundwater can use pollution prevention to lower the risk of contamination. The primary nonregulatory activity is to create a community-involved pollution prevention program targeting low-income mobile home trailer parks and surrounding small businesses and industries in Gaston County, NC. Secondary goals include the development of a lasting infrastructure for pollution prevention in 15 "rural-industrial" county areas forming the greater Charlotte metropolitan region of the Carolinas, and an immediate reduction of risk to the communities directly served during this 3-year pollution prevention project. The project will establish a pollution prevention education program that will disseminate educational packets on drinking water and deliver workshops to residents in the targeted community as well as technical assistance and training for small businesses in the low-income wellhead protection area.

## **REGION 5**

### **CLEAN WATER FUND: MERCURY PREVENTION THROUGH INDIGENOUS EDUCATION AND ACTION**

**Grant Award: \$85,000**

The Indigenous Environmental Network and the Clean Water Fund, working with partners White Earth Land Recovery Project and Clean Water Action Alliance, are requesting grant funding to address EJ issues of mercury pollution that are threatening the health and traditional lifestyle of native populations in MN, WI, and MI through P2 and education. The project proposes four components to address mercury threats to native populations through P2, including: 1) provide educational materials to native and nonnative people on the threat of mercury pollution; 2) disseminate information to native and nonnative people through workshops on mercury pollution, with more in-depth training provided to leaders within the communities; 3) adopt an Indigenous Policy Platform for mercury prevention, and develop principles for a mercury prevention campaign; and 4) develop a Model Community Action Plan aimed at encouraging community residents and institutions to adopt energy efficiency and conservation practices.

### **GRAND CAL TASK FORCE: EJP2 EDUCATION, OUTREACH, AND IMPLEMENTATION PROJECT**

**Grant Award: \$66,080**

Waste handling and polluting industries are increasingly looking to locate their facilities in African American, Hispanic, and poor communities, where people have fewer economic options and less control over development resources. Using the Calumet Region P2 Resource Center at Calumet College, the Grand Cal Task Force will implement an EJP2 Education and Outreach Program to assist EJ communities in East Chicago, Gary, and Hammond, IN. A full-time Education/Outreach Coordinator will work with existing Resource Center staff to develop local EJ community-focused P2 outreach materials, contact groups and key leaders, and promote ways for communities to implement P2 programs. Additional staff will reach out directly to communities through existing community institutions and educate communities from available TRI and GIS data. The Task Force has also identified five P2 program implementation focus areas that will be promoted through the Education and Outreach Program: 1) implementing the NW Indiana Brownfield Redevelopment Project pilot program; 2) getting communities involved in redesigning P2 plans for the cities of East Chicago, Gary, and Hammond, IN; 3) working

with interested communities to set up P2 task forces to promote P2; 4) working with local community development corporations, youth training programs, and city governments to identify partnership projects and funding opportunities that involve young people in EJ projects; and 5) encouraging local participation and the application of P2 principals in federal and state initiatives affecting the region.

**ENVIRONMENTAL CAREERS ORGANIZATION: TECHNICAL ADVISOR PROGRAM FOR TOXICS USE REDUCTION**

**Grant Award: \$50,000**

A major goal of the Technical Advisor Program for Toxic Use Reduction (TAPTUR) is to provide technical assistance to low-income communities of color that are disproportionately affected by toxic exposure. TAPTUR is a replicable model program that provides the technical training and education necessary for communities to understand and develop P2 strategies and places retired engineers and scientists to work with community groups to implement the strategies. The grant will provide technical assistance to six umbrella or resource organizations that serve low-income and/or minority communities. Goals include: 1) outreach to people of color and low-income communities—ECO will conduct extensive outreach to communities involved in reducing industrial toxics; 2) project solicitation and selection—through the outreach process, ECO will select two communities actively involved in developing collaborative solutions to toxic pollution; 3) technical advisor recruitment, selection and benefits; 4) community education and training—ECO will provide ongoing training on up-to-date P2 methodologies for all participating communities; 5) networking—TAPTUR provides multiple networking opportunities for communities and trains representatives on latest networking technologies; 6) evaluation and monitoring—including the number of low-income and communities of color served, the number of "Good Neighbor Agreements" signed, the estimated reduction in toxic emissions, the currently enacted legislation, and the number of advisors and community groups who wish to extend their project; and 7) P2 measures- ECO will assist communities participating in TAPTUR in validating, monitoring, and demonstrating their efforts in reducing toxics emissions.

**MINNEAPOLIS URBAN LEAGUE: PARTNERSHIP FOR ENVIRONMENTALLY & ECONOMICALLY HEALTHY COMMUNITIES**

**Grant Award: \$58,320**

Certain areas of Minneapolis include large populations of people of color and low-income families. It is proposed that these areas be targeted for P2 technical assistance through a combination of established technical assistance sources and through use of EJ interns. P2 results, including economic benefits, will be measured throughout the project duration. Minneapolis' large manufacturing base resides predominantly in minority and low-income communities. TRI data indicates that these communities include a significant number of facilities that report toxic chemical releases and transfers. Opportunities exist to employ P2 strategies to these manufacturers and businesses located within the community. Young minority adults will be provided the opportunity to work in teams on P2 projects in local businesses. This intern experience will provide valuable knowledge, work experience, and professional skills to be utilized in future educational and professional/vocational endeavors. By providing environmental project opportunities, a significant environmental justice issue will be addressed.

**NATIVE AMERICAN EDUCATIONAL SERVICES COLLEGE: MENOMINEE RESERVATION ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION EDUCATION PROJECT**

**Grant Award: \$6,780**

The Native American Educational Services (NAES) College will use its grant funding to provide an educational program and household hazardous waste P2 project on the Menominee Reservation in Wisconsin. Approximately 6,000 people live on the Menominee Reservation, 4,000 of whom are Menominee. The majority of the households on the reservation are connected to septic tanks that are not adequate treatment systems to protect against potential dangers associated with the disposal of hazardous household cleaning products. The project will provide information on the basic principles of P2, the identification of household hazardous wastes, and the use of substitute nontoxic cleaners. Participants in the project will gain first-hand experience with the use of nontoxic cleaners, public education and community outreach, obtaining access to TRI data and other information on facilities handling hazardous substances within their communities, and addressing the tribal government on P2 issues. Information will be disseminated through a series of workshops.

**UNIVERSITY OF CINCINNATI MEDICAL CENTER: POLLUTION PREVENTION: PROMOTING ENVIRONMENTAL JUSTICE IN LOWER PRICE HALL**

**Grant Award: \$88,900**

The Lower Price Hall (LPH) neighborhood in Cincinnati, OH, is a predominantly urban Appalachian community, with more than half of its 1,600 member population living below poverty level. LPH is highly industrialized and is the location of Cincinnati's largest waste treatment facility. The objectives of this proposal are to develop a partnership among LPH, UC, and CHD that will empower the community to take effective action to prevent pollution. Specifically, the partnership will inform and educate residents about pollution, its sources, and its prevention in their community. Short-term and long-term plans will be formulated by LPH residents to prevent pollution in the home, community, and industry. Collaboration will be developed between representatives of industry and the municipal sewer district and residents of LPH to seek mutually acceptable pollution prevention options and agreements. The P2 strategy includes the following elements: community-based P2 solution, education, economic development, expert technical assistance, community-industry cooperation, resource development, and involvement with other organizations. Communication and cooperation strategies include: expand membership and participation in currently active citizens action groups in LPH; engage existing community institutions in P2 education, training, and support of related activities; develop a P2 action group; and publish a monthly newsletter.

**UPPER SIOUX AND LOWER SIOUX COMMUNITIES: WIND ENERGY FEASIBILITY AND ENERGY EDUCATION PROJECT**

**Grant Award: \$49,920**

Goals of this project are to complete the wind feasibility study, and allow the Lower Sioux community to move toward the use of wind power generated electricity and reduce reliance upon polluting methods of electrical generation, to develop an education program that will introduce tribal members to wind power as a viable alternative to current practices, and to create a model demonstrating the use of wind power on a community scale that sets an example for other communities in the region to follow. The 620 member Lower Sioux Indian Community is located in west central Minnesota and extends over an area of 1,743 acres near Morton, MN. The reservation lies within the Central Lowland physiographic province with 80 percent of the reservation above the Minnesota River Valley on the adjacent bluffs.

**WSOS COMMUNITY ACTION COMMISSION, INC.: ENVIRONMENTAL JUSTICE: PROTECTING PEOPLE THROUGH PESTICIDES POLLUTION PREVENTION**

**Grant Award: \$95,000**

WSOS Community Action Commission is a four-county private nonprofit agency located in Northwest OH. The proposed project affects the migrant and seasonal farm workers and their families. The target audience for the P2 initiative is growers and owners of migrant labor camps. This project is a demonstration to test the success of linking financial incentives for decision-makers and growers to undertake P2 activities with providing training and environmental information to the affected minority and lower-income populations and migrants that are impacted by these decisions. The goal of the project is to improve the environmental quality of life for migrant and seasonal farm workers and their families by voluntary methods of integrated pest management and alternatives to pesticides use. The objectives include: 1) establish and administer a RLF earmarked for financing equipment and/or practices for IPM; 2) provide information to 162 growers on IPM through the RLF outreach activities; 3) develop a model training program to deliver to 590 migrant and seasonal farm workers on the "Basics of Integrated pest Management," including information on alternatives to pesticide use and lower potential for worker exposure; and 4) provide migrant laborers an opportunity for input into environmental policy making in OH.

**REGION 6**

**BILL J. PRIEST INSTITUTE FOR ECONOMIC DEVELOPMENT TECHNOLOGY ASSISTANCE CENTER: POLLUTION PREVENTION ASSISTANCE TO SMALL BUSINESS**

**Grant Award: \$80,000**

The Technology Assistance Center plans to target businesses within the City of Dallas. The center serves many minority and low-income communities. The goal of the project is to institutionalize P2 methods to improve the environmental quality of minority and low-income businesses in affected communities in the City of Dallas. The objectives include: 1) educate 200 minority-owned small businesses within the affected communities on P2; 2) provide 100 businesses with technical assistance on the use of P2 methods; and 3) provide one-on-one counseling to

these businesses. Businesses located in minority communities will be targeted, including the City of Dallas Enterprise Community. The targeted area is roughly 50 percent African American and 24 percent Hispanic and contains more than 16,000 businesses employing more than 221,000 people. Specific activities include: targeting candidate businesses; matching the needs of businesses with feasible P2 methods; producing education seminars; providing technical assistance and individual counseling; and tracking project performance.

**GREATER LAREDO DEVELOPMENT FOUNDATION: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION COMMUNITY EDUCATION AND SMALL BUSINESS ASSISTANCE**

**Grant Award: \$80,000**

Laredo is 94 percent Mexican American, predominantly Spanish-speaking, and one of the lowest family income cities in the U.S. It is one of the busiest crossing points in the U.S., with roughly 15 million vehicles crossing to and from Mexico each year. A large part of the traffic is trucking, specifically of potentially hazardous materials. The organization estimates that at least 3,000 trade-handling workers require immediate and basic awareness and preparedness in hazardous material handling and EPA regulations. Another 1,000 need advanced, in-depth compliance training. The proposed program focuses on education and training of trade-handling workers and small business operators. The proposed work plan includes: identification of all local small businesses that handle hazardous materials; distribution of existing EPA information to identified businesses; solicitation of business appointments of environmental manager/liaison/trainer; in-depth training of select environmental managers; training workshop for "special focus" businesses; hazardous materials training for trade-handling workers; coordination of P2 program with private sector representation.

**JEMEZ PUEBLO POLLUTION PREVENTION PROJECT: FIREPLACE INSERTS LOAN PROGRAM**

**Grant Award: \$80,000**

The Jemez Pueblo has documented prevalence of asthma that affects a significant number of adults and children. The rates of asthma for Jemez children is nearly 2.5 times the rate for African American or Anglo children. There are three possible polluting factors that may contribute to this condition: nearby gypsum mining, possible radioactive contamination from nearby Los Alamos National Labs, and wood smoke from the many fireplaces and wood stoves in the pueblo itself. However, local citizens use wood as a heating source because they can afford it; the pueblo owns forested property that can be accessed for free by tribal members. Because of the pueblo's economic disadvantage, with more than 60 percent of the population having incomes below current poverty guidelines, tribal members individually cannot afford to install non-polluting heating equipment in their homes. The proposed program will: 1) provide education on asthma and its relationship to air pollution, 2) provide information on alternative heating sources with an emphasis on fireplace inserts that meet EPA standards, and 3) provide grants or subsidies to those families who wish to install a fireplace insert based on income credit.

**NEW ORLEANS YOUTH ACTION CORPS: EDUCATIONAL OUTREACH POLLUTION PREVENTION PROGRAM**

**Grant Award: \$80,000**

The EJ issue addressed in the proposed project concerns the affect of urban stormwater runoff on low-income and minority communities. Urban stormwater runoff is the single largest source of pollution in Lake Pontchartrain. The first part of the proposed project will educate low-income and minority residents of Metropolitan New Orleans about urban storm runoff, how it affects their lives, how they can prevent it, and how participating in the P2 process will benefit individuals and communities. The second part of the proposed project will use the New Orleans Youth Action Corps (NOYAC), an AmeriCorps program, to educate residents of the city about what they have to gain by reclaiming Lake Pontchartrain as a popular swimming and recreational site and eliminating its current health risk. There will be three parts to the project: 1) one team from NOYAC will be trained as "Lake Ambassadors"; 2) NOYAC will visit 10 schools located in two low-income and minority areas of metropolitan New Orleans; 3) NOYAC will distribute educational brochures to roughly 28,000 households in the communities where the school presentations and drain stenciling have taken place.



**PUEBLO OF POJOAQUE: ENVIRONMENTAL JUSTICE AND DEVELOPMENT CENTER****Grant Award: \$80,000**

The Pueblo of Pojoaque has been central to the community of the Eight Northern Pueblos of New Mexico. Since the resettlement of the native people on ancestral lands, Pojoaque has become the center for cultural redevelopment and has been recognized by the Administration for Native Americans as a model of cultural revitalization. As the population of the valley increases, it becomes increasingly important to educate people about the affect of population changes on the environment. In order to achieve this goal, the community will establish the Pueblo of Pojoaque EJ and Development Center. The center will be an educational facility designed specifically to address P2 in the context of growth. The center will serve as a clearinghouse for seminars, workshops, and training in all aspects of P2 for the Indian and non-Indian communities of the area. Some of the courses included in the curriculum are: Infrastructure Planning Workshop, Seminar in Water System, Air Quality Monitoring Station, and Ongoing Studies.

**ZION TRAVELERS BAPTIST CHURCH: ENVIRONMENTAL JUSTICE/POLLUTION PREVENTION COMMUNITY PROJECT****Grant Award: \$30,000**

This project addresses environmental issues associated with a small minority community that is adjacent to several major sources of air toxics and particulate emissions. The focus of the project is to evaluate ambient air quality in order to identify specific air toxics and particulates that have an adverse impact on local air quality. This project will empower the communities of Mt. Airy, Garyville, and Lions with the capability to monitor local air quality on both a periodic basis and during periods of accidental releases. Grant funds will be used to purchase equipment and operate a local air monitoring station located within the community. The Louisiana Department of Environmental Quality will provide analytical support and pay for an outside third party contractor (selected by the community) who will provide independent technical evaluations for the community. This project will supplement the existing environmental justice activities currently in place within the community.

**REGION 7****ARKANSAS INSTITUTE FOR SOCIAL JUSTICE: ENVIRONMENTAL JUSTICE COMMUNITY ACCESS AND EDUCATION PROJECT****Grant Award: \$20,000**

The Missouri Chapter of the Association of Community Organization for Reform Now (ACORN), in cooperation with the Arkansas Institute for Social Justice (ISJ), will establish a community outreach, education, and training project on environmental justice issues. The overall goal of the project is to assist community leaders in lower-income minority communities of St. Louis in obtaining information on the environmental status of their communities, to increase community participation in decision-making and empower communities to develop community-based pollution prevention strategies. To achieve this goal, the project will implement an outreach, education, and training program to enable 30 community leaders to use geographic information systems (GIS) and employ the technology as a tool to achieve environmental justice.

**HASKELL INDIAN NATIONS UNIVERSITY: CURRICULUM DEVELOPMENT IN POLLUTION PREVENTION AND OUTREACH TO INDIAN COMMUNITY****Grant Award: \$45,000**

Haskell Indian Nations University was established in 1884 to serve the Native American community. This project deals with two focus areas: training in decision-making and problem-solving and advancement of partnerships. Decision-making training will be implemented through four activities: 1) facilitate on-site workshops and training at reservations or urban concentrations for selected topics; 2) provide on-site training for the measurement and monitoring of various indications of pollution intensity; 3) provide investigative research support for tribal needs in microbiology/toxicology; 4) develop and enhance public and private partnerships.

**LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT: EJP2 IN LINCOLN: DEFINITION, FOCUS, AND OUTREACH****Grant Award: \$39,000**

Lincoln-Lancaster County Health Department (LLDHD) proposes to: 1) survey Lincoln's racial/ethnic minority population to determine its environmental health knowledge base; 2) map, using GIS technology, potential exposure of these populations to known contaminated sites and permitted releases; and 3) educate the affected populations,

regulators, and permit-holders of the P2 options that they can use to reduce the affects of identified potential exposure. LLCHD wants to provide businesses and households with P2 educational materials that will be translated for use in educating the population about how personal behavior affects toxic use reduction. The outreach will also provide environmental information and educate affected populations on the availability of the information and how to use it. Facilities will be notified of their impact on minorities and economically disadvantaged communities and will be offered a chance to find and implement P2 in waste streams most likely to impact the environmental health of the affected communities.

**METROPOLITAN ENERGY CENTER: ENVIRONMENTAL JUSTICE THROUGH SUSTAINABLE COMMUNITY PLANNING**

**Grant Award: \$49,800**

This project addresses environmental justice issues in the inner city of Kansas City through three P2 strategies: 1) low-income home energy audits and weatherization; 2) sustainable, transit-oriented community planning; and 3) community education. A recently conducted study shows that low-income families in Kansas City generally spend over 29 percent of their income on utility costs, well above the national average of 20 percent for low-income households. The vision is to empower low-income families and people of color in two selected Kansas City neighborhoods to reduce energy consumption and resultant pollution in their communities, to develop community-based and individual skills that will facilitate their participation in environmental and transportation planning processes, and to link them with other local and national EJ efforts, which can help address prevention and related issues they face in their neighborhoods.

**MISSOURI ENERGY RESOURCES PROJECT: SCHOOL ENERGY EFFICIENCY DEVELOPMENT (SEED) PROGRAM**

**Grant Award: \$72,000**

The city of St. Louis, MO, is a predominantly African American, low-income community that currently faces several air quality problems. Among these problems is the potential classification of St. Louis as a serious ozone non-attainment area. St. Louis is also considered a non-attainment area for carbon monoxide. The Missouri Energy Resources Project (MERP) proposes to bring its School Energy Efficiency Development (SEED) program to the St. Louis Public School District in 1996. SEED's approach to school district energy management combines energy education with a professional audit of school facilities. MERP's goal is to change the way people think about and use energy and improve the school district's energy efficiency; reduce the amount of energy consumed by the St. Louis Public Schools; reduce the amount of money spent on energy; and prevent pollution emissions associated with the St. Louis Public School's energy use.

**NEBRASKA SUSTAINABLE AGRICULTURE SOCIETY: IMPACTING AGRICULTURAL POLLUTION AND ENVIRONMENTAL JUSTICE IN RURAL NEBRASKA**

**Grant Award: \$25,000**

Rural communities in Nebraska (NE) and the Midwest shoulder many environmental problems that result from "conventional" chemical-intensive farming and high-density livestock production. These communities are populated by low-wage workers who lack the political and financial means to counteract pollution in their local environments. They are affected by agricultural pollution through exposure in the field, their food, and their water. The NE IMPACT project, a collaboration among farmers, community members, and NE agricultural institutions, helps people in small local groups to educate themselves and others about P2 agricultural production methods. The goal will be achieved through the following objectives: 1) help groups design and monitor on-farm investigation of environmentally-sound production practices; 2) provide groups with support of educational outreach efforts such as field days and demos; 3) provide funding and opportunities for group members to attend outside educational events or receive publications in sustainable farming practices; 4) publicize group activities and feature P2 column in NSAS newsletter; 5) encourage collaboration among NE's farmers/ranchers, agriculture institutions, technical advisors, and community members in providing support for environmentally sound farming practices.

**UNIVERSITY OF NEBRASKA—NEBRASKA BUSINESS DEVELOPMENT CENTER: PILOT PROJECT EPA/SBA EJ FOR NEBRASKA PRINTER, A TECHNOLOGY SOLUTION**

**Grant Award: \$75,000**

This project will distribute EPA P2 and compliance information to small business printers throughout NE using innovative computer technology to test and evaluate new methods, as well as traditional methods. It will also provide training assistance to these printer businesses using state, federal and private resources, in support of EPA EJ

and P2 programs. This project will also serve as a pilot for other follow-up projects to efficiently distribute all forms of EPA information to all kinds of businesses. The project will create a system that demonstrates cost-effective methods for training, advertising, assisting, and promoting source reduction and compliance. The North Omaha NBDC, a minority business incubator site, will be used to help develop and provide initial training. North Omaha printers will be given hands-on instruction in the use of the Internet and the CTSA system. The project will also use contract support from the North Omaha NBDC.

**WICHITA-SEDGWICK COUNTY DEPARTMENT OF COMMUNITY HEALTH: PROGRAM  
DEVELOPMENT FOR ALLIANCE BETWEEN LARGE AND SMALL BUSINESSES FOR POLLUTION  
PREVENTION TECHNICAL EXCHANGE** **Grant Award: \$73,000**

Small businesses often lack the staffing resources or funding to hire their own consultants to engage in pollution reduction, source control, or waste minimization activities. Wichita-Sedgwick County Department of Community Health (WSCDCH) proposes to initiate a program that would educate small businesses in the latest techniques for P2 via source reduction. To accomplish this task, WSCDCH proposes to hold seminars on P2 to communicate the technology, discipline, and philosophy of P2 as the preferred approach to environmental management. In addition, WSCDCH intends to create an alliance program consisting of local business leaders from similar industries, public interest groups, and local governmental officials. WSCDCH will use the award money to staff a public educator who will be given the task of determining what P2 techniques are feasible for the community, holding seminars to promote these techniques, and creating small business alliances in which additional, more specific P2 methods will be delivered directly to target businesses.

**REGION 8**

**DENVER URBAN GARDENS: SUSTAINABLE URBAN GARDENS — A POLLUTION PREVENTION  
DEMONSTRATION PROJECT** **Grant Award: \$25,000**

In 1994, Denver Urban Gardens (DUG), a nonprofit organization, became the sole organization responsible for preservation, management and planning, construction supervision, and volunteering coordination of 37 active and 12 new community gardens and small parks in the Denver areas. DUG makes available to low- and moderate-income persons an opportunity to supplement their diet by growing their own food in nearby community gardens. The project proposes to address the following EJ issues: 1) detrimental presence of derelict, polluted, vacant land in the inner city; 2) need for healthy pesticide-free food for low-income families and children; 3) need to reduce the volume of yard waste in Denver's Solid Waste Stream; 4) nonexistent P2 education in schools and inner-city neighborhoods; and 5) need for sustainable, convenient, and nearby income generating solutions. The first part of each of the 10 demonstration gardens will consist of a community effort to identify and clean up a polluted parcel of land. Secondly, residents will turn the land into a community garden to serve as a productive neighborhood focus for P2.

**MONTANA STATE UNIVERSITY EXTENSION SERVICE: MONTANA TRIBAL POLLUTION  
PREVENTION CONSORTIUM —RESERVING A QUALITY CULTURE AND ENVIRONMENT** **Grant Award: \$50,000**

There are nine Indian Tribal Nations located on seven reservations and adjoining communities in the state of MT. The Tribal Nations comprise 6.2 percent of MT's population. As independent nations, MT tribes have lacked the ability and resources to assess environmental issues unique to their reservations and design, implement, and evaluate effective strategies to prevent future environmental problems. The consortium's project goals include: 1) coordinate with existing and proposed reservation EJP2 efforts; 2) bring representatives from each MT Indian reservation together to discuss and deal with environmental issues common and unique to the reservations through the implementation of reservation P2 assessment and education/training; 3) establish tribal leadership teams, from each reservation, to create reservation P2 programs; 4) with the cooperation and input from each tribal leadership team, develop and conduct an assessment of environmental issues affecting the Native American population; 5) as a result of each reservation environmental issues assessment develop custom P2 education/training programs targeted to the affected audience, stakeholders, and reservation leadership; and 6) serve as a model program for other states with Native American reservations.

**NORTHWESTERN BAND OF THE SHOSHONI NATION: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION EDUCATION TRAINING**

**Grant Award: \$50,000**

The purpose of this application is to develop, on behalf of all 89 tribes located within the borders of the State of UT and through a cooperative effort, a comprehensive strategy to assist the tribal governments in identifying environmental concerns and P2 processes to address these concerns within their own communities. The program will be structured to educate and train tribal leaders and program managers in P2 processes to manage their own environmental concerns. The grant will also discuss how the tribes could join forces and collectively establish an environmental office. This office would assist in the efforts to address mutual concerns and individual tribal concerns, as well in seeking funding to aid in the development of specific strategies related to environmental protection. Other efforts included in this grant include: identifying what tribal regulations/ordinances currently exist for each tribe and what steps need to be taken toward the development and/or enhancement of environmental protection that include P2; how the regulations/ordinances are currently being enforced, and/or can these enforcement techniques be improved, or should a stronger cooperative effort between tribes, EPA, the state and local governments be developed; what are the tribal capabilities to respond to environmental emergencies, and/or what are the tribes' needs to accomplish this type of objective?

**SINTE GLESKA UNIVERSITY: A TRAINING AND DEMONSTRATION PROJECT IN ENVIRONMENTAL JUSTICE**

**Grant Award: \$50,000**

Many people on the Rosebud reservation live in houses that are full of hazardous materials. Sinte Gleska University (SGU), also on the reservation, is implementing an "Energy and Technology Policy." SGU has also begun to develop a "Sustainable Construction" component for the SGU Vocational Education Degree Building Trades Program. The focus is to teach SGU students how to best work with sustainable design, materials, and construction techniques using the tribe's locally available and natural resources to construct culturally appropriate nontoxic buildings. To achieve this goal, SGU will: 1) provide continuing education for SGU instructors; 2) teach SGU staff and students the need to learn how to do cost-benefit analysis for changing the existing university lighting system to the most energy-efficient lighting available; 3) teach youths how to design and build their own culturally appropriate, nontoxic buildings, using primarily tribal resources.

**PINE RIDGE INDIAN RESERVATION: SLIM BUTTES COMMUNITY YOUTH AGRICULTURE DEVELOPMENT PROJECT: RUNNING STRONG FOR AMERICAN INDIAN YOUTH**

**Grant Award: \$25,000**

The Slim Buttes Community Agricultural Development Project addresses P2 in agriculture through a demonstration program and training activities promoting organic gardening and sustainable agriculture. Through organic gardening workshops and gardening assistance provided to family and community gardening cooperatives, integrated pest management and alternatives to the use of pesticides is demonstrated. The Slim Buttes Project provides small-scale organic community farming cooperatives with agricultural technical assistance, equipment, supplies, seeds, and seedlings. Small-scale community farming allows families and neighbors the opportunity to work cooperatively and provide a means of self-sufficiency and self-worth. All gardens in the programs are completely organic. Running Strong for American Indian Youth is dedicated to helping Native Americans solve Native American problems through long-term, self-sufficiency programs. The Slim Buttes Project is designed to raise the standard of living and the self-esteem of the Ogalala Lakota on the Pine Ridge Reservation. Through organic gardening workshops, field demonstrations, and "train-the-trainer" workshops, the Slim Buttes Community Agriculture Project can be easily replicated on other reservations in SD and neighboring states.

**SHOSHONE & NORTHERN ARAPAHO TRIBES: POPULATION PROTECTION THROUGH POLLUTION PREVENTION**

**Grant Award: \$40,000**

The goal of this project is to reduce the exposure of tribal members to potentially toxic chemicals through a combination of efforts aimed at education, access to information, planning for pollution prevention, elimination of hazardous materials from individual homes, and a preliminary assessment of epidemiological conditions on the reservation. This project will focus on education and training of tribal government employees, education of the population at large, and education of individuals routinely involved in the handling and application of hazardous

materials. Products include a needs assessment, a computerized epidemiological database, and a mapping of ground water vulnerability through GIS.

**TRI-COUNTY HEALTH DEPARTMENT: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION EDUCATION AND TECHNICAL ASSISTANCE**

**Grant Award: \$30,000**

Southwestern Adams County includes Commerce City and the northern part of the city of Aurora. It is surrounded by five National Priority List Sites, including Rocky Mountain Arsenal. It is a heavily industrialized area with many manufacturing and transportation-based companies, including large trucking firms, oil refineries, and flour mills. This presence has a significant impact on the communities of Commerce City and north Aurora, which are economically disadvantaged areas with significant minority populations and a high proportion of people living in poverty. Commerce City and north Aurora residents are at risk of exposure to toxic pollutants because of the heavy concentration of large and small industry in these areas. At the same time, these communities are home to many low-income individuals as well as people of color. To reduce VOC emissions from businesses such as auto maintenance facilities, print shops, dry cleaners, and others, P2 strategies are imperative. Therefore, as part of its comprehensive air quality program, Tri-County Health Department plans to work closely with these businesses to provide education and technical assistance on proven methods for reducing and/or preventing VOC emissions into ambient air.

**TURTLE MOUNTAIN BAND OF CHIPPEWA INDIAN TRIBES: POLLUTION PREVENTION COMMUNITY EDUCATION AND INVOLVEMENT PROJECT**

**Grant Award: \$25,000**

The Turtle Mountain Chippewa Reservation is located in north central ND. Most of the reservation is wooded, and supports an economy of agriculture, livestock, various businesses, tribal and federal agencies, hospitals, and the Turtle Mountain Manufacturing Company (TMMC). The reservation is located in Rolette County, ranked as the 11th poorest county in the U.S. TMMC is the major employer and is an industrial facility that manufactures trailers for the Department of the Army. Large amounts of paint, solvents, acids, chemicals, and other hazardous wastes are utilized at this facility. In 1988, EPA began enforcement action at a TMMC for violating the RCRA requirement regarding handling of hazardous and solid wastes. The tribe's sole source of reliable drinking water lies below agricultural croplands and is adjacent to the reservation. This aquifer is subject to the effects of fertilizers and pesticide use. The grant project will develop an intensive series of educational and informational meetings designed to inform tribal members and residents of the importance of implementing and enforcing environmental policies and codes. A P2 coordinator, in conjunction with the Tribal Environmental Coordinators Office, will institute P2 training and awareness mechanisms, including regular and frequent meetings with tribal elder groups, community colleges, local schools, tribal programs, federal and state agencies, and the local business community. Community members will receive informational material, and an environmental steering group composed of stakeholders will be educated on major environmental laws and other opportunities.

**TURTLE MOUNTAIN RESERVATION OF NORTH DAKOTA & WRITAR: SUSTAINABLE BUSINESS DEVELOPMENT: POLLUTION PREVENTION IN MANUFACTURED HOUSING**

**Grant Award: \$50,000**

The disproportionately high use of manufactured housing by Native Americans leads to long-term human exposure to well-documented indoor air quality hazards existing in manufactured homes. Current manufactured housing design does not integrate environmental considerations such as material selection, use, and application. Further, while representing a significant portion of housing units for Native Americans, existing manufactured housing is not responsive to the needs of Native Americans. This project will: 1) foster provision of affordable, healthy, resource-efficient housing by a locally based industry; 2) complete a Design for the Environment (DfE) on manufactured homes by developing a manufactured housing design utilizing materials and methods that minimize the use of natural resources in the manufacturing process, as well as in the use and maintenance of these homes; 3) identify and integrate specific environmental and cultural needs of Native Americans into this DfE for manufactured homes; 4) create a business plan for Turtle Mountain Manufacturing Company that addresses economic injustices by strengthening the economic base of this reservation through the fabrication of sustainable, manufactured housing to serve the local population.

## **REGION 9**

### **CITY OF NOGALES, AZ: USE OF POLLUTION PREVENTION TO ADDRESS ENVIRONMENTAL JUSTICE ISSUES**

**Grant Award: \$86,250**

More than 90 percent of the City of Nogales' population is of Hispanic origin. In addition, slightly more than 30 percent of the city's total population lives below the poverty level. Nogales' historical economic base has relied heavily on the industrial sector, notably under the auspices of the *maquiladora* program, which has attracted significant industrial operations to Ambos Nogales. The proposed project would utilize a combination of public participation and direct assistance to industry in order to increase the use of P2 techniques throughout the community. The public participation activities are designed to provide Nogales' residents with various tangible means of advocating the use of P2 and the ability to nominate specific facilities to receive a high priority for inclusion and evaluation in the technical assistance portion of the project. Direct technical assistance of industry would focus primarily on evaluating opportunities for P2 and assisting industries in implementing P2 practices, including developing a prioritization plan for which facilities would be addressed first, conducting workshops and facility-specific evaluations of P2 opportunities, implementing a system to measure progress in terms of the reduction in chemicals and/or resources used, and the evaluation and establishment of a means to help facilities finance P2 techniques.

### **INSTITUTE FOR RESEARCH AND TECHNICAL ASSISTANCE: REPAIR AND MAINTENANCE CLEANING—REDUCING THE OVERALL HUMAN HEALTH AND ENVIRONMENTAL RISK**

**Grant Award: \$96,750**

Auto repair facilities in the Los Angeles inner city area use parts cleaning units to remove oil, grease, and other soils from automotive parts, accessories, tools, and other equipment. Generally, the parts cleaning equipment uses mineral spirits containing aromatic fractions that include chemicals classified as air toxics that cause cancer and birth defects. The workers in the auto repair facilities, many of whom are people of color, are exposed to the solvents. The community surrounding the facilities, which has a significant representation of low-income and/or people of color, is also exposed to the solvents. The proposed project would be conducted with the collaboration of several organizations with P2 programs and would involve a demonstration to determine the technical and regulatory feasibility and the cost of substituting water-based cleaning formulations for the toxic mineral spirits used today. At least 20 auto repair facilities of various types would be selected as participants in the project with the assistance of the local trade organization. Equipment manufacturers and water cleaner formulators have agreed to donate cleaning units and formulations for the demonstration and testing. A study will be conducted to evaluate the toxicity of the water-based solvent, and the results of the study will be disseminated at a conference for auto repair shops. If water conversion appears desirable, a simple pamphlet for accomplishing the substitution will be prepared and distributed to auto repair facilities and their trade organizations. A P2 Best Management Practices brochure will also be distributed to increase P2 awareness.

### **PIMA COUNTY, AZ: ENVIRONMENTAL JUSTICE THROUGH TECHNICAL ASSISTANCE IN POLLUTION PREVENTION, SOURCE REDUCTION, AND HANDLING OF HAZARDOUS MATERIALS IN SOUTH TUCSON**

**Grant Award: \$72,000**

The City of South Tucson, located on the south side of the metropolitan area and completely surrounded by the City of Tucson, has a population of 5,465. Minorities comprise approximately 93 percent of the City of South Tucson's population. The primary health concerns in the city have been the contamination of ground water and air pollution; over the last decade, the city has faced a disproportionate share of health problems arising from ground water contamination. This project is designed to affect the manner in which chemical products are used, stored, and disposed of by small business and homeowners. The proposal defines a plan to reach out to the small businesses and retailers of hazardous materials in the city in order to provide them with technical assistance about P2 techniques and practices. The tasks will include: 1) survey of businesses; 2) needs assessment and action plan; 3) site visits and evaluation; 4) education/information material development; 5) amnesty month; 6) ongoing contact; 7) retailer contact, education, and material development; 8) advisory board; 9) project evaluation; 10) adapting the prototype project in South Tucson to other communities in Region 9.

**RESOURCE POLICY INSTITUTE: EMERGING LEADERS TRAINING PROGRAM****Grant Award: \$50,000**

A training and technical assistance program is proposed to develop and strengthen community leaders with capabilities for applying P2 solutions to EJ issues. The program will entail: 1) direct training; 2) practice P2 assessment; 3) development of training module for use by trainees and others for furthering understanding and action in this critical field. The project will: 1) train community leaders in conducting a community-based P2 program; 2) partner trainees with experienced P2 engineers associated with the City of Los Angeles' Hazardous Waste Reduction Assistance Program to perform P2 opportunity assessments at both large and small businesses within the community; 3) measure P2 and the cost savings that resulted from recommendations offered during the assessments; and 4) develop a EJP2 community leader training module.

**SOUTH BAYSHORE COMMUNITY DEVELOPMENT CORPORATION, INC.: BAYVIEW/HUNTER POINT PILOT COMPOSTING PROJECT****Grant Award: \$95,000**

The South Bayshore Development Corporation (SBCDC) proposes to develop a community-owned and operated composting operation, Bayview Compost, at the Hunter Point Naval Shipyard. The facility will compost plant trimming and food material into soil amendments for use by local greening and gardening projects and for sale to landscapers and topsoil dealers. The Bayview/Hunter Point area is a predominantly African American community that has experienced a long history of industrial pollution. The Naval Shipyard is now a Superfund site yet to be remediated. The project provides a community-based solution to recover the environmental integrity of the area, to improve the quality of life, and to bring about renewed economic vitality through: 1) developing a community-based business that is an environmentally friendly alternative to the existing and proposed industrial facilities in the Hunter Point/Bayview area; 2) generating public involvement and empowerment through local training and outreach; 3) providing economic opportunities for local residents via creating jobs at the compost operation and its associated community programs.

**REGION 10****AMERICAN LUNG ASSOCIATION: PARTNERSHIP FOR ENVIRONMENTAL JUSTICE—ASTHMA IMPACTED ENVIRONMENTS AND INDOOR AIR QUALITY****Grant Award: \$25,000**

The goal of this project is to facilitate the current efforts of the Community Coalition for EJ (CCEJ) to strengthen and build a community coalition whose mission is to identify and eliminate EJ and to advocate and create EJ. The specific focus of the work will be to utilize a partnership opportunity to address the excessively high rate of asthma among residents of Central Seattle and portions of Southeastern Seattle known as Rainier Valley. Both urban neighborhoods have large proportions of minorities and below standard living conditions. The primary activity will be to mobilize and train volunteers to provide indoor air quality assessments to a number of households, with recommendations for source removal and further exposure to contaminants, as well as to provide information and education to persons identifying themselves as suffering from asthma. The plan for the project includes: 1) developing a relationship with the community; 2) identifying neighborhood concerns; 3) conducting individual outreach; 4) developing mechanisms for ongoing involvement; 5) securing and training core volunteers; and 6) providing community education.

**CASCADIA REVOLVING FUND: MINORITY POLLUTION PREVENTION LENDING PROJECT****Grant Award: \$75,000**

In the Northwest, the Cascade Revolving Fund (the fund) is a community development financial institution (CDFI), a nonprofit community development loan fund, that lends money to low-income entrepreneurs who cannot obtain funding from traditional sources. Over the last several years, a number of small businesses have described their inability to find financing to implement pollution source reduction strategies. Minority-owned small businesses have additional problems in finding financing for this purpose. In response, the fund has developed a P2 Lending Program (P2), which will encourage the adoption of P2 strategies by small businesses by removing barriers created by the lack of financing and fear of technology. The fund will provide both loans and technical assistance to implement source reduction strategies. Under the program, the fund has made two loans to date, one to a minority-

owned dry cleaner and one to a machine shop. The project will target minority-owned small companies that release pollutants to air, land and/or water or that generate waste. The loans funded will be for the "Highest and Best" P2 uses and not for non-P2, or end-of-pipe activities. Loans will not be limited exclusively to fixed assets acquisition but may include funding for training programs as well. The borrowers will act as demonstration sites, so certain intangible qualities such as willingness to be a demonstration site are important. Potential target industries include: dry cleaners, printers, machine shops, auto body repair shops, photofinishers, ship repair yards, and metal bearing waste generators.

**CITY OF PILOT POINT: PILOT POINT ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION PROJECT**

**Grant Award: \$49,737**

Pilot Point, AK, is a predominantly Native American community, isolated from access to the state's road system by extreme terrain conditions and climates. While the community has made progress with sewer, water, and electricity projects for the base population, the impact of the increased summer population continually creates additional health problems that over-burden the limited resources of the community to be able to develop and implement P2 strategies effectively. The community believes that it can work toward accomplishing its goal with assistance from the grant program, which will help the community develop an Environmental Services Coordinator administrative position. The coordinator will: 1) identify pollution concerns and develop prevention strategies, such as raising awareness of issues through public education; 2) identify industrial pollution problems and develop prevention action plans; 3) work with construction project designers to limit potential environmental damage; and 4) network with other regional communities and EPA on environmental P2 concerns via conference travel and computer.

**PAINTING INDUSTRY PARTNERSHIP: THE PAINTING INDUSTRY PARTNERSHIP'S PROGRAM TO INTEGRATE POLLUTION PREVENTION INTO PUBLIC HOUSING PAINTING JOBS AND COMMUNITIES**

**Grant Award: \$50,000**

This program will address pollution problems created by the use of paint and solvents by public housing authorities and their contractors during facility maintenance, renovation, and modernization. Community education for public housing tenants, worker training and technical assistance to tenant councils, and small painting contractors and public housing authorities about methods of P2 for painting will be integrated into existing programs designed to provide jobs, training, and other work opportunities to public housing residents. Two affected communities will be involved in the program: 1) tenants of public housing, which are low-income communities generally composed of a disproportionate number of people of color and women; and 2) painters working for small business paint contractors, who work for housing authorities. The program consists of: 1) developing a 4-hour P2 in painting class for painters; 2) conducting a 16-hour "train-the-trainer" class for 10 instructors from Washington and Oregon on the 4-hour P2 class; 3) having trainers conduct 20 classes for 200 painters in Seattle, Tacoma, and Portland; 4) conducting 20 public education sessions for public housing residents, tenant councils, and housing authority staff in Seattle, Tacoma, and Portland; 5) providing technical assistance with P2 to public housing residents, tenant councils, housing authority staff, paint contractors, and workers throughout the Northwest; and 6) distributing program educational materials, questionnaires, and evaluation instruments to assess program success.

**SEA MAR COMMUNITY HEALTH CENTER: COMMUNITY EDUCATION ON ENERGY CONSERVATION, SOLID WASTE REDUCTION, AND INDOOR AIR QUALITY**

**Grant Award: \$25,000**

Sea Mar Community Health Center is a nonprofit organization with more than 17 years of experience in providing a multitude of health and social services to low-income populations, with an emphasis on the Hispanic, migrant and seasonal farmers, homeless, and the isolated rural poor. The agency has facilities throughout Western WA. The proposed project will provide community education through a number of avenues, beginning with its current customer base of low-income and minority populations. The training will include instruction for energy conservation, solid waste reduction, indoor air quality and field experience in conducting workshops for consumers. Nine to ten workshops will be held, with approximately 56 staff members receiving training. From the training, Sea Mar will implement and provide the following program components to low-income and minority clientele: 1) initial and follow-up home visits to provide client education, evaluation, and both pre- and post- testing; 2) client workshops—pretesting at workshops with phone/home visits for post evaluation; 3) one-on-one client education using existing Energy Assistance Program staff to provide services to approximately 200 low-income clientele, many of whom are living in subsidized housing projects and are people of color; 4) conduct large mail-out of over 4000



clients three times per year; 5) bilingual articles, brochures, and flyers to educate community; 6) organization-wide policy development on solid-waste reduction, energy conservation, targeting more than 520 employees and enabling the Agency to set an example for other agencies as well as clients; and 7) detailed written evaluation of the program and its success and/or failure.

**SPOKANE TRIBE OF INDIANS: INTEGRATED PEST MANAGEMENT AND USE OF BIOLOGICAL PEST CONTROLS**

**Grant Award: \$25,000**

The Spokane Indian Reservation faces a large and growing problem with noxious weeds on its 157,000 acres of range land. Unable to afford an integrated pest management plan, the community has approached the problem by using whatever funds are made available by the BIA to purchase chemicals and spray infested areas of land. This budget-driven approach to pesticide use threatens the health of the tribe and its land. To address this issue, the following project proposes to use EJP2 funds to develop an integrated pest management strategy to allow the tribe to examine pest control in a comprehensive way and to integrate pest control with other resource management goals. Grant funds will allow the tribe to apply pesticides on the basis of need, as assessed in a survey of reservation pest problems. Funding also will support the tribe's efforts to convert from chemical pesticides to biological pest controls and train tribal members to assess pollution issues connected with pesticide applications. A coordinator will be hired to help the tribal community develop and implement the project.

**UNIVERSITY OF NORTHERN IOWA: MOBILE OUTREACH FOR POLLUTION PREVENTION IDAHO TOUR**

**Grant Award: \$70,743**

Small rural communities and tribal businesses face many barriers to implementation of P2. In rural locations, hazardous waste management service providers are few and provide infrequent pickup of wastes, thereby driving up the cost of proper waste management. Frequently, businesses and tribal environmental attitudes are compatible with P2 thinking, but sources of education and how-to information are lacking. The Mobile Outreach for P2 (MOPP) has been developed specifically to provide on-site assistance and learning experience for those who are least likely to receive this type of help—poor rural communities and Native American tribes. The primary goal of MOPP is to activate positive change in management of vehicle maintenance wastes in rural ID and on tribal lands. To attain this goal, five objectives have been identified: 1) determine the needs and local resources of the state of ID to enable selection of demonstration sites; 2) tailor the MOPP project to specific ID small business needs in vehicle maintenance, auto body paint/repair and related industries; 3) work with ID partners to establish the proven system in ID; 4) provide an educational experience that will lead to a significant change in environmental awareness and waste management behavior by businesses in the target area; 5) build working relationships and make essential contacts with native American tribes so that future MOPP projects can be tailored to better meet their needs.

**URBAN LEAGUE OF PORTLAND: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION COMMUNITY EDUCATION PROGRAM**

**Grant Award: \$79,155**

Portland's legacy of EJ is similar to other American cities: the region's major sources of air, water, noise, and solid waste pollution are all in close proximity to residential areas that have high percentage of low-income people and minorities. Today, the North/Northeast area is home to more toxic cleanup sites than any other region. Cleanup sites include the Gould Batteries Superfund site, the McCormick & Baxter Superfund site, the Rhone Poulenc Site, and the closed St. John's Landfill, the region's largest landfill that has leached toxic substances into the nearby Smith and Bybee Lakes. The goal of the program is to educate and empower residents of North/Northeast Portland to become effective advocates for the environmental health of their communities and to adopt personal behaviors that will reduce pollution levels in their communities. The program objectives include: 1) teaching residents to adopt behaviors that will help reduce the level of pollution they generate; 2) educate residents about the environmental history of their community and the costs associated with pollution; 3) train residents to effectively monitor and participate in public decisions about land uses that can create pollution in their community; and 4) develop public education methods and materials that can be easily replicated in other communities.

## **SUMMARY OF PREVIOUS GRANT AWARDS FOR FISCAL YEAR 1996**

### **REGION 1**

#### **CONSERVATION LAW FOUNDATION: PUBLIC EDUCATION PROJECT**

**Grant Award: \$77,791**

The Conservation Law Foundation, in cooperation with two grassroots organizations in Boston, proposes to carry out a public education project aimed at helping people of color and low-income people reduce the environmental impacts of transportation in urban neighborhoods. The project will have four components: 1) publication of a guide to transportation and environmental justice issues; 2) development and distribution of training and workshop materials that grassroots groups can use in conjunction with the guide; 3) implementation of educational programs in Roxbury, which will provide a model of how to carry out education and outreach on this subject; and 4) an outreach program in Boston and other cities.

### **REGION 2**

#### **NATURAL RESOURCES DEFENSE COUNCIL: NORTHERN MANHATTAN ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION CAMPAIGN**

**Grant Award: \$200,000**

Northern Manhattan communities are disproportionately impacted by excess levels of airborne particulate matter and toxins from multiple sources. This proposal will address air pollution from buses and trucks, air pollution and improper waste disposal by dry cleaning operations, the lack of accurate commercial and industrial sites information, and keeping brownfields clean through pollution prevention. The proposal includes four program initiatives: 1) Uptown Diesel Bus Initiative; 2) Dry Cleaning Initiative; 3) Commercial and Industrial Sites Audit, and 4) Keeping Brownfields Clean Initiative.

### **REGION 3**

#### **DELAWARE VALLEY CITIZENS' COUNCIL FOR CLEAN AIR: PEER OUTREACH TEAM PROGRAM ON COMMUNITY WASTE REDUCTION**

**Grant Award: \$195,090**

In the city of Philadelphia, minority and low-income communities such as Mount Airy and Germantown continue to bear the brunt of the consequences of waste disposal activities. Throughout Philadelphia, poor and minority neighborhoods host a disproportionately large share of transfer stations, truck traffic, and disposal facilities, contributing to a lower quality of life and a threat to public health. This project, the Waste Reduction Network program, will help experienced business operators, community groups, office workers, and others to spread the success of their waste reduction pilot programs to similar audiences within the communities of color in Philadelphia.

### **REGION 4**

#### **UNIVERSITY OF LOUISVILLE: ADDRESSING COMMUNITY CONCERNS**

**Grant Award: \$208,322**

The West End of Jefferson County, Kentucky, is a low-income community whose citizens have long raised concerns about the environment and threats to public health. The focus of this concern lies with some large chemical plants located adjacent to the community. This proposal brings together major stakeholders in the area to develop and implement strategies using pollution prevention principles to address community environmental concerns. The University of Louisville will provide a neutral forum for stakeholders to develop environmental improvement strategies. The university also will bring the needed expertise to the community to incorporate pollution prevention as the preferred strategy of addressing environmental problems.

## **REGION 5**

### **CITIZENS FOR A BETTER ENVIRONMENT: COMMUNITY POLLUTION PREVENTION**

**Grant Award: \$148,987**

Citizens for a Better Environment (CBE), a regional nonprofit organization, plans to use the grant funding to provide much-needed technical and financial support to local grassroots organizations as they work to foster pollution prevention in their communities in Chicago, Milwaukee, and Minneapolis. All of the neighborhoods CBE will be focusing on are communities of color, with the majority of their residents living in low-income households. The project activities will include: providing technical assistance to at least two local organizations in Southeast Chicago to establish good neighbor dialogues with local businesses; working with four partners to foster model pollution prevention efforts among auto repair and metal fabricating businesses on Milwaukee's near south side; and working with the Hawthorne community of Minneapolis, a low-income neighborhood, to engage in permit monitoring of neighborhood facilities and the establishment of good neighbor dialogues between residents and businesses.

## **REGION 6**

### **NATIONAL CENTER FOR APPROPRIATE TECHNOLOGY: EDUCATING THE COMMUNITY**

**Grant Award: \$236,442**

This project targets Hispanic-American farmers and rural communities in the Texas Panhandle who often suffer from disproportionate exposure to pesticides. The project is designed to increase access to and use of practical technical information on integrated pest management and other sustainable agriculture practices, available in written and spoken Spanish. Learning and practice methods will include: farm demonstrations, workshops, and farmer-to-farmer exchanges about successful production and marketing methods.

## **REGION 7**

### **METROPOLITAN ENERGY CENTER: COMMUNITY PLANNING PROJECT**

**Grant Award: \$213,760**

The Metropolitan Energy Center has developed and coordinated a neighborhood-based approach to sustainable community planning, developing a comprehensive process that engages community residents in developing and defining a sustainable community plan for their area. This project proposes to work with a community located in the Kansas City Empowerment Zone to develop an environmentally sound, sustainable community planning process that will incorporate three levels of service, including: 1) direct pollution prevention activities; 2) sustainable community planning and environmental mapping of the area; and 3) the development and implementation of a plan in the community that will lead to long-term changes, resulting in a sustainable community.

## **REGION 8**

### **NORTHEAST DENVER HOUSING CENTER, INC.: COMMUNITY EDUCATION**

**Grant Award: \$250,000**

The Northeast Denver Housing Center is a nonprofit agency that provides affordable housing, family assistance, support services, and neighborhood economic development for minority communities in the city of Denver. The center is proposing a project to add energy efficiency and sustainable design principles to a new low-income housing project in Denver, Colorado. The project will demonstrate economically viable, sustainable design principles for low-income housing, provide job skills training to low-income and minority people in an area of pollution prevention, and provide safe, efficient, and affordable housing for low-income minorities and American Indians. The experience gained from this project will then be applied to housing projects that the center already owns, and has planned for future development.

## **REGION 9**

### **KOREAN YOUTH & COMMUNITY CENTER, INC.: HEALTHY ALTERNATIVE TO PERCHLOROETHYLENE (HAPP)**

**Grant Award: \$100,000**

The Korean Youth & Community Center is partnering with the UCLA Pollution Prevention Education and Research Center and Clean by Nature (Southern California's first 100 percent wet cleaning shop). The center proposes to develop a wet cleaning outreach and education program targeted at Korean-American dry cleaners who make up close to 70 percent of the industry in the greater Los Angeles area, and roughly 60 percent of the industry nationwide. This outreach and education program presents an innovative public-private partnership joining a private entrepreneur, a major university, and a community-based organization in a collaborative effort to advance to state-of-the-art environmental technology in the garment care industry. This technology will not only sustain these dry cleaners' businesses, but the environments that surround them as well.

## **REGION 10**

### **TULALIP TRIBES OF WASHINGTON: MODEL TRIBAL ENVIRONMENTAL POLICY ACT (TEPA) PROJECT**

**Grant Award: \$196,614**

Under current conditions, economic development on and near Indian Reservations is resulting in short-term economic gain at the expense of the reservation environment and culture. This project will help tribes to balance the competing demands of economic development and environmental protection, involve the community in this effort, and encourage sustainable development through a focus on pollution prevention. The proposed project will result in: 1) the development of a model Tribal Environmental Policy Act (TEPA) that tribes can use to review development proposals, 2) a pollution prevention reference chart for tribes to use in conjunction with their TEPA and NEPA activities, and 3) a training curriculum to enhance tribal understanding of and effectiveness in the Federal NEPA process.

## **NATIONAL**

### **NATIONAL ASSOCIATION OF COMMUNITY DEVELOPMENT LOAN FUNDS: POLLUTION PREVENTION DEMONSTRATION PROGRAM**

**Grant Award: \$250,000**

The National Association of Community Development Loan Funds (NACDLF) represents 46 private, nonprofit community development financial institutions that provide credit, capital, and technical assistance to support the revitalization of low-income rural, urban, and reservation-based communities across the United States. The Association's Pollution Prevention Demonstration Program is designed to educate members to help small businesses in low-income communities become more environmentally responsible. Specifically, NACDLF will provide the following: 1) general training for all its members on how to improve an environmental justice finance program, 2) seed capital awards to three members, and 3) customized training for those members receiving seed capital.

## **SUMMARY OF PREVIOUS GRANT AWARDS FOR FISCAL YEAR 1997**

### **REGION 1**

#### **ANDROSCOGGIN VALLEY COUNCIL OF GOVERNMENTS: AUTO REPAIR POLLUTION PREVENTION CURRICULUM FOR VOCATIONAL SCHOOLS**

**Grant Award: \$ 93,161**

The Androscoggin Valley Council of Governments is a regional planning and economic development agency that has teamed with three local organizations to promote pollution prevention in economically disadvantaged communities. The three partner organizations are the Oxford County Soil and Water Conservation District, the Oxford Hill Technical School, and the Northeast Waste Management Officials' Association. The program will develop a model for outreach in rural, low-income areas. This model will create access to pollution prevention information for very small businesses and "do-it-yourself-ers." It will include a pollution prevention curriculum for students in high school auto repair programs as well as adult education programs, and outreach campaigns for do-it-yourself-ers and auto repair facilities.

#### **COMMUNITY ACTION AGENCY OF SOMERVILLE: ENVIRONMENTAL JUSTICE THROUGH PEER LEADERSHIP PROGRAM FOR HAITIAN LATINO YOUTH**

**Grant Award: \$ 46,839**

The Community Action Agency of Somerville (CAAS) is a private, nonprofit agency. Incorporated in 1981, CAAS's goal is to represent low-income, culturally diverse, and economically disadvantaged communities in the city of Somerville. The CAAS will teach pollution prevention skills to Haitian and Latino youth, who in turn, will work within low-income, immigrant neighborhoods in Somerville.

#### **NEIGHBORHOODS AGAINST URBAN POLLUTION: ALTERNATIVES FOR COMMUNITIES AND ENVIRONMENT**

**Grant Award: \$100,000**

Neighborhood Against Urban Pollution (NAUP) is a coalition of organizations in Boston, MA that have joined forces to address the environmental and public health threats in the minority and low-income neighborhoods of Boston and surrounding communities. The project will promote and implement a pollution prevention campaign that involves; promoting pollution prevention in public housing demonstration projects; promoting pollution prevention and total cost assessment for local small business; conducting the Urban Transportation Pollution Prevention Awareness Project; and conducting the Pollution Prevention Education Module.

#### **TELLUS INSTITUTE: EMPOWERING INCINERATOR HOST COMMUNITIES TO ADVANCE POLLUTION PREVENTION IN THE MERRIMACK VALLEY**

**Grant Award: \$100,000**

Tellus Institute is an environmental research and consulting organization founded in 1976. The project will reduce the burden of environmental injustice in the Merrimack Valley by involving citizens in the integrating pollution prevention into incinerator emissions management. Some of the actions Tellus will implement to meet this objective include: establishing an inter-community incinerator workgroup, developing an integrated pollution prevention plan, and developing good neighbor agreements.

### **REGION 2**

#### **HARLEM ENVIRONMENTAL IMPACT PROJECT, INC.: HARLEM ENVIRONMENTAL IMPACT PROGRAM**

**Grant Award: \$ 30,000**

The Harlem Environmental Impact Project will establish the Harlem Pollution Prevention Council. This council will then enlist the services of residents, public officials, community planning boards, Harlem businesses, the Uptown Chamber of Commerce, and other Harlem based non-profits to address pollution prevention issues. Their program, which centers on community-based involvement and awareness will: increase access to pollution prevention information by creating the Harlem Environmental Justice web site; provide a full series of environmental justice workshops to train grass-roots community leaders so they may effectively train their peers; produce a series of local public access cable TV broadcasts on the Manhattan Neighborhood Network, in conjunction with the Harlem Media Center, on pollution

prevention; publish and distribute self-help informational brochures and newsletters, in English and Spanish, for Harlem residents and the business community on pollution prevention issues.

**COUNCIL ON THE ENVIRONMENT, INC.: GREENPOINT/WILLIAMSBURG ENVIRONMENTAL EDUCATION PROJECT** **Grant Award: \$ 99,997**

The Greenpoint Williamsburg Environmental Education project focuses on intermediate and high school students in this heavily-polluted community. The goal of the project is to increase the awareness of environmental issues and develop the capacity of young people to take action to resolve environmental problems. The council will involve students in weekly classes in which they will take real action leading to pollution prevention. Students will be involved in a variety of issues that the council has identified in dialogues with community groups.

**HAUDENOSUANEE ENVIRONMENTAL TASK FORCE: THE HAUDENOSUANEE OHENTEN KARIHWATEHKWEN: AN INDIGENOUS STRATEGY FOR LONG TERM POLLUTION PREVENTION** **Grant Award: \$100,000**

The Haudenosaunee Environmental Task Force (HETF) was founded to address the environmental concerns of the Iroquois Confederacy; to prevent future pollution problems; and to develop restoration plans to sustain the indigenous people, their culture, and the natural world for future generations. The proposed funding will allow HETF to function more efficiently as a clearinghouse for the exchange and dissemination of environmental information; to complete the design of community education pollution prevention programs that combine traditional environmental knowledge with scientific and technical information; and coordinate a conference that will bring together experts and the community to discuss environmental laws, pollution prevention, and Haudenosaunee culture.

**INCORPORATED RABANAL SMALL FARMERS: RABANAL ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION PUBLIC EDUCATION PROGRAM** **Grant Award \$ 44,100**

The goal of the project is to address wide spread use of toxic pesticides in the Rabanal community, a mostly agricultural community in Puerto Rico. The project will utilize a pollution prevention approach based on public educational and training activities. The goal of the project is to institutionalize sustainable agriculture practices, such as integrated pest management and maximum reduction of pesticides use. Sustainable agricultural practices will be developed and implemented through field demonstration activities. Documentation and quantification of the results of this pollution prevention project will be kept and shared with other communities.

**NEW JERSEY COMMUNITY DEVELOPMENT CORPORATION: PATERSON POLLUTION PREVENTION PROGRAM** **Grant Award: \$ 66,903**

The New Jersey Community Development Corporation (NJCDC) is a non-profit community development and social service agency located in Paterson, New Jersey. In collaboration with local partners, NJCDC has designed the Paterson Pollution Prevention Program. NJCDC and its program partners are committed to an outcome-oriented model that will promote environmental justice in Paterson through a broad array of pollution prevention activities. The overarching objective of the program is to plan, design, and carry out community education activities to introduce and familiarize residents and businesses in Paterson with general pollution prevention concepts, and, in particular, to demonstrate how pollution prevention relates to the construction industry.

### **REGION 3**

**ELIZABETH RIVER PROJECT: MOTIVATING BUSINESSES TO ACHIEVE A CLEANER RIVER POLLUTION PREVENTION PROJECT** **Grant Award: \$82,422**

The Elizabeth River Project, is a grass-roots, nonprofit organization working to build broad community involvement in restoring the environmental health of the heavily industrialized Elizabeth River. Toxics in the Elizabeth River pose the highest risk to homeless and low-income residents who consume river fish for subsistence in the urbanized cities of Norfolk, Portsmouth, and Chesapeake. The Business for a Cleaner River and River Stars are two related programs

that provide resources, referrals, and recognition to businesses that reduce toxic river outputs by adopting voluntary, cost-effective, pollution prevention alternatives. River Stars, the certification and recognition portion of the program, will build community appreciation and improve community relations for businesses as they make pollution prevention gains.

**HOWARD UNIVERSITY: A PROGRAM TO PROVIDE TECHNICAL ASSISTANCE TO SMALL BUSINESSES** **Grant Award: \$100,000**

The Howard University project, in Washington, DC, will address the development of pollution prevention and waste reduction programs for 38 to 42 commercial establishments identified by EPA as the primary source generators responsible for “the most degraded sub-watershed in the Anacostia Basin,” and one of the worst urban watersheds in the United States. The goal of the program is to notify targeted business owners and educate them about the benefits of pollution prevention, provide onsite technical assistance in the development of pollution prevention programs, develop specific total cost assessments for pollution prevention projects, conduct business operations and management assessments, and develop applications for financial assistance from an established public-private small business finance program to fund the cost of pollution prevention projects where required.

**GARDEN RESOURCES OF WASHINGTON: POLLUTION PREVENTION THROUGH GARDENING AND COMPOSTING: COMMUNITY DEMONSTRATION SITES** **Grant Award: \$56,245**

Garden Resources of Washington, in collaboration with Community Harvest, will develop three demonstration gardening and composting sites in low-income communities of Washington, DC. These sites will serve as a focal point for residents and other stakeholders to gain awareness of and design solutions to environmental and public health problems related to the growth, distribution, and consumption of food. These sites will serve as a model for other low-income communities. The proposed demonstration garden and compost sites will provide direct hands-on ways for neighborhood residents to learn and use pollution prevention skills. By learning to use environmentally safe landscaping and gardening techniques, and by learning to compost, neighborhood residents will be able to grow pesticide and preservative-free food, identify biological and other nonchemical alternatives to pest control, increase the health of soil in the community, reduce the volume of waste generated, and create safer green space for themselves and their children.

**CENTER FOR HAZARDOUS MATERIAL RESEARCH: CONFIDENTIAL SMALL BUSINESS POLLUTION PREVENTION TECHNICAL ASSISTANCE IN TARGET ENVIRONMENTAL JUSTICE COMMUNITIES** **Grant Award: \$100,000**

In this project the center will develop and implement a confidential small business pollution prevention technical assistance program in cooperation with the World-Class Industrial network, Mon Valley Initiative, and Pittsburgh partnership for Neighborhood development. The program will: develop a targeted outreach program to inform eligible businesses of pollution prevention assistance available through the EPA EJP2 program; present pollution prevention education seminars for businesses on environmental justice target areas; conduct onsite environmental compliance and pollution prevention assessments for eligible business enterprises; conduct a pollution prevention demonstration project for an eligible small business; and create a sustainable local pollution prevention strategic planning business network with target environmental justice communities.

**REGION 4**

**ESCAMBIA COUNTY FLORIDA: POLLUTION PREVENTION ASSISTANCE TO THE BUSINESSES AND RESIDENTS OF WARRINGTON** **Grant Award: \$ 79,728**

The Warrington community has experienced rapid growth. Much of this growth took place prior to the establishment of county zoning regulations. As a result, the impact of industrial and commercial businesses on residents and the environment is evident. The purpose of Escambia County’s project is to address the environmental justice issues faced by Warrington, and to reduce the environmental and health impacts on the community by helping the industrial and commercial sectors reduce and prevent the generation of air toxins, hazardous waste, waste water, and solid waste. The program will stress pollution prevention and source reduction, and also will include the promotion of energy efficiency

and resource conservation, both at home and at work. The first objective is to introduce pollution prevention to the industrial and commercial businesses of the community. The second objective is to introduce pollution prevention to homeowners and renters. Pollution prevention will be promoted via onsite audits, education materials, seminars, and citizen involvement.

**CITIZENS FOR A BETTER SOUTH FLORIDA, INC.: ENHANCE ENVIRONMENTAL AWARENESS AND POLLUTION PREVENTION INITIATIVES THROUGH THE TRANSLATION OF MATERIALS FOR THE HISPANIC COMMUNITY**

**Grant Award: \$90,773**

The city of Hialeah, a densely populated Hispanic community, will be the target for an outreach and education project to provide information and education on environmental issues in Spanish. Citizens for a Better South Florida will partner with the local environmental regulatory agency, the Dade County Department of Environmental Resources Management, to utilize their experienced staff and pollution prevention literature. Existing literature will be revised, translated into Spanish, and distributed, workshops will be offered for both the residential and industrial communities, environmental talk shows will be offered in Spanish on local radio stations, a public service announcement will be produced in Spanish and televised on a local television station, and articles will be written in Spanish and published in local periodicals or publications.

**MISSISSIPPI BAND OF CHOCTAW INDIANS: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION**

**Grant Award: \$91,632**

As part of their project, the Chataw will conduct a comprehensive investigation into pollution prevention opportunities and barriers facing the community. The research will, in turn, produce recommendations for use in the development of a community-wide pollution prevention plan. To delineate pollution prevention opportunities and barriers, and provide a foundation for pollution prevention planning supportive of economic and natural resource development, this project will have three components: a sociological assessment of Choctaw community members; a natural resources assessment, focusing on the watershed and tribal interactions with fisheries; and an assessment of waste reduction and energy conservation opportunities and barriers on the reservation. Priority will be placed on defining tribal education and training need and as well as nonregulatory strategies and technologies for effecting community-wide pollution prevention. Tribal members will be involved in data collection and interpretation, recommendation development, and oversight efforts.

**BIRMINGHAM ENVIRONMENTAL CLEARINGHOUSE: COMMUNITY-BASED ENVIRONMENTAL JUSTICE PROGRAM**

**Grant Award: \$100,000**

The Birmingham Environmental Clearinghouse is working on behalf of seven Birmingham, Alabama, neighborhoods that border Village Creek, a tributary of the Warrior River in Jefferson County. Industry and poverty have left a legacy of environmental injustice in the area delimited by the Village Creek flood plain. The clearinghouse will address the environmental aspect of this legacy with a holistic pollution prevention program it terms Total Environmental Quality Management (TEQM). TEQM is an empowerment model in which area residents and businesses accept responsibility for, and undertake concrete actions toward, improving the environments they directly impact. The approach combines community-based education, direct action toward immediate and incremental improvements, coordination of the efforts of public agencies, and advocacy within public forums created by several large public works projects.

**GEORGIA ENVIRONMENTAL ORGANIZATION: SUSTAINABLE ENVIRONMENTAL JUSTICE**

**Grant Award: \$31,900**

By training and involving businesses and residents in the Proctor Creek watershed, this project provides an avenue by which environmental justice communicators can become more empowered and take control of their lives and what happens around them. Concentrating on pollution prevention, the project addresses many potential health problems at their suspected source. By identifying and cataloging the potential sources of pollution in the watershed, residents will take necessary steps in preventing their communities from being polluted by toxic discharges and stormwater run-off. The project will also partner with the City of Atlanta, the Department of Natural Resources, and the Proctor Creek business community.



## **REGION 5**

### **RIVERS UNLIMITED MILL CREEK RESTORATION PROJECT: MILL CREEK ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION INITIATIVE**

**Grant Award: \$99,998**

This project is designed to incorporate pollution prevention into a community-wide effort to environmentally and economically regenerate the highly urbanized and industrialized Mill Creek watershed. The partners in the project will: achieve measurable reduction in industrial wastes within environmental justice communities through pollution prevention technical assistance to industry; bring business and industry to the table as collaborative partners in community-based watershed restoration efforts; provide pollution prevention education to students attending junior and senior high schools in the watershed; and provide pollution prevention training for affected and concerned parties, building a knowledgeable leadership that can incorporate pollution prevention into all future watershed initiatives.

### **FOND DU LAC RESERVATION BUSINESS COMMITTEE: POLLUTION PREVENTION INITIATIVE**

**Grant Award: \$22,080**

The Fond du Lac Reservation Business Committee's solid waste specialist will conduct waste audits on eight businesses on the reservation. The goal of these audits is to remove persistent toxins from the businesses' waste streams and educate their employees on pollution prevention alternatives for reducing solid waste. The solid waste specialist will do source reduction and pollution prevention audits on the eight nonresidential waste generators. Source reduction audits will involve the staff and management of these businesses to help identify areas where toxic substances are being used. It will be the responsibility of the solid waste specialist to assist the staff and management of these businesses in implementing appropriate changes to reduce or eliminate these hazards from the waste streams and follow up on their progress. This project will have a tribal focus and identify problems that may be unique to Indian Country, and will document the resources available to deal with these problems effectively.

### **YOUNGSTOWN-WARREN REGIONAL CHAMBER OF COMMERCE: MAHONING VALLEY ENVIRONMENTAL JUSTICE PROJECT**

**Grant Award: \$100,000**

Mahoning Valley, Ohio, is rich in ethnic and racial diversity, but it also has a strong history of heavy manufacturing. Due to large-scale job losses in the community, the revitalization of the economy and industry in the valley is a priority. The chamber's project will couple education and community initiatives, thereby facilitating fair treatment of environmental issues for all community residents. The pollution prevention approach for this project is to provide integrated manufacturing assessments, coupled with the use of pollution prevention implementation assistance (through advanced technical assistance) and educational outreach, to at least four companies located within the valley's environmental justice areas. The assessments will be used as a tool to evaluate each company's processes and identify target areas for pollution prevention opportunities and their subsequent implementation.

### **SIXTEENTH STREET COMMUNITY HEALTH CENTER: STRATEGIC POLLUTION PREVENTION INITIATIVE FOCUSED ON HISPANIC CHILDREN**

**Grant Award: \$98,375**

The Sixteenth Street Community Health Center (SSCHC), in partnership with the Wisconsin Department of Natural Resources and Milwaukee Public Schools, has begun a 2-year pollution prevention initiative which will gather and interpret ambient air quality data in the SSCHC neighborhood on key pollutants known to contribute to asthma. The project also will assess certain health, lifestyle, and behavioral characteristics of students, residents, and employers and workers in the neighborhood, and communicate with low-income Hispanic residents and students about air pollution's relationship to asthma and respiratory illness. The project will use air monitoring data and state-collected information as the basis to tailor specific, language appropriate, pollution prevention outreach to residents on actions they can take to reduce air pollution and risks of respiratory illnesses. As a final step, the project will assess the pollution prevention strategy's effectiveness to determine behavioral changes and increase attention on the use of automobiles within the project's service area.

**LOWER SIOUX RESERVATION: WIND ENERGY DEMONSTRATION PROJECT Grant Award: \$90,000**

Coal, oil, and gas-fired power plants are disproportionately located near minority communities, tribal communities, and politically less established communities. The development of a local wind-powered electrical energy resource will reduce dependency on pollution-creating energy production methods. By allowing the Lower Sioux community to control its source of electrical energy, this project will help eliminate the negative effects of being a minority community disengaged from the power plant siting process, while at the same time reduce the amount of pollution created. The project consists of three components: a wind energy system demonstration project; the *Lower Sioux Wind Energy: Project Generation and Distribution System Design and Specification Report*; and educational and community input activities, including public meetings and information dissemination.

**REGION 6**

**CENTRAL ARKANSAS REGIONAL SOLID WASTE MANAGEMENT DISTRICT: ESTABLISHING A PILOT POLLUTION PREVENTION OUTREACH CENTER Grant Award: \$99,998**

The Central Arkansas Regional Solid Waste Management District (CARSWMD), composed of four rural counties in central Arkansas, will develop waste reduction programs and encourage pollution prevention and recycling by providing education and technical assistance. CARSWMD will accomplish this by developing a pollution prevention program that integrates source reduction materials for schools, public and private organizations, and volunteer committees in each community. CARSWMD will work in coordination with local businesses to place pollution prevention informational displays in areas near where pollution-causing materials are sold.

**CITY OF HOUSTON: SOUTHWEST ENVIRONMENTAL ENFORCEMENT TRAINING CENTER (SWEET Center) Grant Award: \$94,062**

The goal of the SWEET Center is to promote environmental justice in targeted low-income and minority areas in Houston, Texas. The center promotes public health, safety, and the environment through enforcement of local, state, and federal environmental laws. The center also educates targeted low-income and minority residents in ways to protect the health and safety of the public residing in environmentally distressed areas. The SWEET Center will provide an organizational mechanism through which the "Rat on a Rat" and Neighborhood Environmental Education Training programs, will continue to operate and further expand enforcement and education of the environmental laws at the local, state, and federal levels. The center will provide technical support through geographic information system mapping.

**LOUISIANA ENVIRONMENTAL JUSTICE PROJECT: A COMMUNITY EDUCATION AND EMPOWERMENT PROGRAM Grant Award: \$100,000**

In the greater New Orleans area, along the Mississippi River, three shipyards currently are releasing large quantities of toxic chemicals into the surrounding communities. These communities are predominantly low-income and African American. Currently, these ship yards do not utilize adequate pollution reduction technology, and the affected communities are unaware of the toxins that surround them. This project will build awareness and mobilization through a community education and empowerment program modeled after the Equitable and Trinity Shipyard examples. This program will be expanded to include increased community capacity (especially youth involvement) to identify local environmental justice problems and involve the community in the design and implementation of activities, particularly decision-making, to address those concerns. The community will work with business and government leaders to design and implement pollution prevention approaches and pollution reduction technology at all three shipyards that will protect the long-term environmental health of the community.

## **REGION 7**

### **UNIVERSITY OF NORTHERN IOWA: DEMONSTRATION OF A LOW COST AIR EMISSION REDUCTION TECHNOLOGY FOR URBAN BUSES**

**Grant Award: \$99,163**

The goal of this project is to demonstrate the effectiveness of the Hydro Power Pak as an innovative, low-cost means to meet the urban bus retrofit requirements for reduced air emissions, specified in the Clean Air Act. Existing, pre-1993 municipal bus emissions, will be tested for hydrocarbon, carbon monoxide, nitrogen oxide, particulate matter, opacity, and other relevant parameters to establish baseline data. After installation of the Hydro Power Paks, and a break-in period, the retrofitted buses will be retested. Before and after retrofit data will be compared with the Clean Air Act compliance criteria. Certification of the technology will be requested.

### **LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT: POLLUTION PREVENTION EDUCATION AND OUTREACH**

**Grant Award: \$80,000**

The Lincoln-Lancaster County Health Department (LLCHD) recently completed work on the *Minority Community Environmental Health Hazards Risk Survey*, and hopes to build on the work of the survey by mapping minority communities' perception of environmental health risks. LLCHD plans to map areas of environmental justice concerns using a geographic information system. While the GIS work is being done, LLCHD will research and identify existing pollution prevention curricula. LLCHD will then target minority community organizations to partner in the education case studies. LLCHD will hold open public meetings to educate the minority community about actual and perceived environmental health risks, critical-thinking and problem-solving skills, and pollution prevention principles. LLCHD will then seek community assistance in identifying and prioritizing the environmental and human health issues about which they are most concerned.

### **METROPOLITAN ST. LOUIS SEWER DISTRICT: CURBSIDE RECYCLING FOR POLLUTION PREVENTION**

**Grant Award: \$80,554**

The goal of this project is to address a minority community's lack of access to environmental education and community involvement, in regards to solid waste management. Residents in the target community currently risk exposure potential health threats from the improper disposal of solid waste and the deficiency of protective measures. This project is designed to minimize the volume of solid waste in landfills, waterways, and sewers in the community. The project's strategy is to promote recycling as an educational tool and a disposal alternative.

### **COMMUNITY HEALTH & EDUCATION SERVICES: EDUCATION AND COMMUNITY OUTREACH PROJECT**

**Grant Award: \$70,000**

The goal of this project is to educate and involve high-risk, low-income and culturally-diverse populations, community leaders, and industries in the development of preventive and alternative measures and practices that reduce pollution and environmental degradation in northeast Wyandotte County. To accomplish these goals, the project plans to form a task force that will partner with local industries and cooperatively develop pollution prevention initiatives; educate families and businesses on the health and environmental effects of household hazardous waste, proper use and disposal of such waste, and less toxic alternatives; and educate 60 high-risk, low-income youths from northeast Wyandotte County on salient environmental topics pertaining to their urban setting, as well as water quality issues within the community.

### **MID-AMERICA REGIONAL COUNCIL: KANSAS CITY STAR NEWSPAPERS IN EDUCATION PROJECT**

**Grant Award: \$10,000**

This project seeks to empower residents of the Kansas City Bistate Enhanced Enterprise Community by providing leadership training on environmental and pollution issues, and providing community-based strategies that speaks to the issue. This project also encourages community participation in the environmental pollution prevention planning process. The project will identify leaders in the community interested in learning more about pollution prevention and environmental issues; survey attitudes regarding pollution prevention needs in the community then provide training in

problem-solving strategies and methods, using the identified needs and issues as models; and execute community outreach pollution prevention efforts that target residents of the community.

## **REGION 8**

### **NATIONAL ASSOCIATION OF BLACK ENVIRONMENTALISTS: ENVIRONMENTAL EDUCATION RESTORATION AND STEWARDSHIP PROJECT**

**Grant Award: \$100,000**

The Sustainable, Environmentally-Robust Urban Community Project (SERUC) proposes to introduce pollution prevention, as well as water and energy conservation sensitivity and practices, to the residents of Northeast Park Hill in Denver, Colorado. This 7-square mile, high-density community is made up of mostly low-income and minority residents. The National Association of Black Environmentalists' (NABE) will provide this community with information regarding the pollution sources impacting the neighborhood. The project will include activities such as cooperative pollution prevention education, restoration, stewardship opportunities, and job placement for qualified youth ages 12 to 19.

### **TOWN OF MEEKER/MEEKER POLLUTION PREVENTION: RIO BLANCO POLLUTION PREVENTION PROGRAM**

**Grant Award: \$25,000**

The town of Meeker and the Meeker Pollution Prevention Committee have organized a partnership of community-wide support for pollution prevention program development. This effort will benefit Meeker and set the stage for a countywide program. This proposal is for funding of a full-time pollution prevention specialist in the Town of Meeker to develop and coordinate specific education programs in the community. The pollution prevention specialist would develop regular educational articles on pollution prevention for publication in the local weekly newspaper, coordinate a pollution prevention training session for local businesses with the Meeker Chamber of Commerce, using instructors from the Western Slope Pollution Prevention Program and/or industry specialists, coordinate the establishment of a community-wide used oil collection service, coordinate aluminum can and newspaper recycling, conduct a feasibility study of an intergovernmental agreement to fund long-term pollution prevention programs in the county, and attend the Colorado Pollution Prevention Local Networking quarterly meetings to share learned experiences and pollution prevention resources.

### **MONTANA STATE UNIVERSITY: TRIBAL COLLEGE ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION SCHOLARSHIP, INTERNSHIP AND EMPOWERMENT PROGRAM**

**Grant Award: \$100,000**

The Montana Pollution Prevention Program is an educational and nonregulatory program of the Montana State University Extension Service (MSUES). As a land-grant university, MSUES provides educational programming throughout Montana including all tribal colleges. Through successful past experiences with Montana tribes, the Montana Pollution Prevention Project will facilitate the creation of the Tribal College Environmental Justice/Pollution Prevention Scholarship, Intern and Empowerment Program. This scholarship and internship program at MSU will provide pollution prevention support courses and experiential learning opportunities for Native American faculty and students from Montana's seven tribal colleges.

### **MONTANA TRIBAL BUSINESS INFORMATION NETWORK: POLLUTION PREVENTION TECHNICAL ASSISTANCE AND TRAINING PROJECT**

**Grant Award: \$85,000**

The Montana Tribal Business Information Network (TBIN) is comprised of the seven Tribal Business Information Centers (TBICS) located on each of the seven reservations in Montana (Crow, Northern Cheyenne, Fort Peck, Fort Belknap, Rocky Boy, Blackfeet, and Flathead). The TBIM is requesting funding to provide technical assistance and training in implementing pollution prevention technologies and form a Pollution Prevention Tribal Cooperative. The cooperative will serve all seven of the Indian reservations in Montana. The grant will provide technical assistance and training to the TBIC on each of the seven Indian reservations to enable them to identify and use pollution prevention technologies.

**RUNNING STRONG FOR AMERICAN INDIAN YOUTH: POLLUTION PREVENTION IN AGRICULTURE PROJECT** **Grant Award: \$30,000**

Running Strong for American Indian Youth sponsors and operates the Slim Buttes Community Agricultural Development Project on the Pine Ridge Indian Reservation in South Dakota. Grant assistance will enable the Slim Buttes project to address agricultural pollution prevention through a demonstration project and training activities promoting organic gardening and sustainable community agriculture. The program will involve workshops, field demonstrations, new composting operations, and the creation and dissemination of written educational materials.

**REGION 9**

**ASSOCIATION FOR COMMUNITY BASED EDUCATION: ENVIRONMENTAL JUSTICE THROUGH SUSTAINABLE AGRICULTURE IN FARMWORKER COMMUNITIES** **Grant Award: \$100,000**

The Association for Community Based Education and the Rural Development Center plan to provide intensive training and technical assistance to minority farmers in the Salinas Valley. This training will help them reduce the use of pesticides and adopt sustainable agricultural practices, including integrated pest management. The project will also involve a public education campaign using organized forums and events, the media, field days and demonstration plots to provide the migrant farm worker community and their employers with opportunities to learn more about, and apply pollution prevention practices.

**INSTITUTE FOR RESEARCH AND TECHNICAL ASSISTANCE: MINIMIZING THE HUMAN HEALTH AND ENVIRONMENTAL CONSEQUENCES** **Grant Award: \$96,516**

The Institute's Pollution Prevention Center and the New Partnership Foundation will test and demonstrate water-based brake cleaning alternatives to perchloroethylene in inner city auto repair facilities in Los Angeles. The New Partnership Foundation also will develop a pamphlet in Spanish to communicate results to Latino auto repair workers. The city of Los Angeles will distribute a pamphlet to all permit holders.

**LOS ANGELES CONSERVATION CORPS: COMMUNITY-WIDE COLLABORATION PROJECT** **Grant Award: \$60,000**

The Los Angeles Conservation Corps' (LACC) project will support chemical-free gardening in neighborhood gardens in minority communities throughout Los Angeles. LACC collects resources (seeds, plants, soil, fencing, netting, etc.) and distributes resources to individuals and groups of gardeners. LACC also works to convert existing community gardens that use pesticides to chemical-free gardens.

**ECOLOGY ACTION, INC.: TECHNICAL ASSISTANCE PROGRAM** **Grant Award: \$41,484**

Ecology Action will hold workshops on alternatives to drycleaning for the 1,000 Korean American owned and operated dry cleaners in northern California. They will also conduct guided Korean language tours of wet cleaning facilities in the Bay Area and develop translated documents and technical resources on wet cleaning, as well as other EPA programs, including Green Lights and WasteWi\$e.

**LOCAL GOVERNMENT COMMISSION: REDUCING JANITORS' USE OF TOXIC CHEMICALS** **Grant Award: \$42,000**

The Local Government Commission seeks to reduce janitors' exposure to cleaning chemicals, particularly focusing on minority janitors. The commission will establish a collaboration between janitors, government, business, and community groups in Richmond, a Northern California city with a high minority population. The project includes a focus not only on the janitors, but also on those who make the decisions as to which cleaning products are used. Approximately 50 cleaning and maintenance activities will be assessed, and outreach materials developed.

## **REGION 10**

### **OREGON ENVIRONMENTAL COUNCIL: ALBINA POLLUTION PREVENTION PROJECT**

**Grant Award: \$80,000**

The Albina Pollution Prevention Project is a 1-year effort culminating in an environmental justice action plan, a series of specific initiatives, and pilot projects. The project is organized around four major tasks: community mapping to identify community problems; community education and collaborative goal-setting; building capacity and partnerships to address priority issues; and developing and implementing specific pollution prevention projects.

### **INTERNATIONAL DISTRICT HOUSING AND SOCIAL SERVICES: ASIAN AND PACIFIC ISLANDER MOBILIZATION FOR ENVIRONMENTAL JUSTICE**

**Grant Award: \$80,000**

This project proposes to link the Wilderness-Urban Survival Skills Project for Youths and Families with residents living in an urban environment. The curriculum juxtaposes environmental issues in both the wilderness and urban settings, building bridges that will increase youths' capacity to become agents for positive social change. Pollution prevention projects conducted by participants will focus on at least one of the following: reducing household exposure to and use of pollutant chemicals; reducing use of polystyrene containers in packaging and sale of goods; and reducing pollutants in storm drain runoff.

### **CHICKALOON NATIVE VILLAGE: RENEWABLE ENERGY DEVELOPMENT FOR ALASKAN NATIVE VILLAGES**

**Grant Award: \$80,000**

This project will establish an integrated framework to help Alaska native villages assess the development potential of renewable energy resources on village land. Developing renewable energy sources will help villages lessen dependence on fossil fuels. Direct air pollution reduction benefits can be readily calculated for each megawatt of displaced fossil fuel generation capacity, while direct and indirect community economic benefits will also accrue from reduced pollution and local production of renewable energy.

### **TACOMA URBAN LEAGUE, INC: ENVIRONMENTAL HEALTH AND ECONOMIC SUSTAINABILITY THROUGH POLLUTION PREVENTION**

**Grant Award: \$80,000**

The goal of this project is to implement pollution prevention models that will reduce indoor environmental health risks, and help build the economic base of the Salishan area. The project will have four broad areas of focus: reduce sources of indoor air contaminants using air filtration; conserve energy by replacing heating and ventilation systems; improve economic sustainability through workman's apprentice training and environmental education internships; and provide an opportunity for residents to learn, be involved with, and to be empowered to create a better future for themselves.

### **COMMUNITY COALITION FOR ENVIRONMENTAL JUSTICE: COMMUNITY-BASED POLLUTION PREVENTION PROJECT**

**Grant Award: \$20,000**

This project is designed to help the Community Coalition for Environmental Justice (CCEJ) implement a Community-Based Pollution Prevention Project. The purpose of the project is to develop local solutions to environmental injustices in South Park through community participation. The community will focus on research to identify and reduce exposure to industrial pollutants in the community. The project will take a direct approach to pollution prevention by implementing a community-driven pollution prevention program that focuses on known contaminated sites and identifies the most prevalent pollutants in the community. This effort will use existing data from various local agencies and environmental organizations. Once primary pollutants and their sources are identified, the most appropriate pollution prevention methods will be researched to allow for an informed community decision-making process.

## **NATIONAL**

### **REYNOLDSTOWN REVITALIZATION CORPORATION: THREE COMMUNITY COLLABORATIVES IN COMMUNITY INVOLVEMENT; EDUCATION AND POLLUTION PREVENTION; AND A STRATEGIC VISION FOR CHANGE**

**Grant Award: \$159,753**

Three Empowerment Zone Community Corporation, in Atlanta, Georgia, has identified communities with typical revitalization projects with existing pollution issues. Without a holistic approach to their revitalization projects, communities may experience adverse environmental impacts. The communities involved have teamed up with the Georgia Institute of Technology to gain assistance in designing and articulating a strategic vision of change, ensuring resident participation, providing community education, accessing technical information relating to protecting the environment, and creating sustainable redevelopment projects. Through a series of kick-off meetings, community awareness programs, and an environmental awareness fair for neighborhood children, the communities involved propose to create a model pollution prevention and environmental conservation program for inner city revitalization projects.

### **AMERICA WORKS PARTNERSHIP: POLLUTION PREVENTION PROGRAM IN CONSTRUCTION FOR PUBLIC HOUSING RESIDENTS AND NATIVE ALASKANS**

**Grant Award: \$160,138**

The America Works partnership worked with the United Brotherhood of Carpenters, the International Brotherhood of Painters and Allied Trades, public housing authorities, and the Alaskan Native Council to recruit and train poor youth of color into pre-apprenticeship programs that create a pathway for them to lifelong careers as skilled union tradespeople. This project proposes to enhance the existing program by providing pollution prevention training for America Works pre-apprentices in Chicago, Illinois, Oakland, California, and Alaska. This will be combined with pollution prevention education and assistance for painter and carpenter contractors in those areas, as well as pollution prevention training and policy development for the Oakland and Chicago Housing Authorities.

### **OIL, CHEMICAL, AND ATOMIC WORKERS INTERNATIONAL UNION: ENVIRONMENTAL PROJECT FOR COMMUNITY BASED TRAININGS**

**Grant Award: \$130,000**

The Partnership's overall goal is to encourage pollution prevention implementation that delivers environmental health benefits for workers and nearby environmental justice communities. This goal is advanced through a systematic program of peer-led local training workshops for workers, environmentalists, and environmental justice community residents, and the development and implementation of a supportive training curriculum. The partnership's curriculum and training events are geared first toward engaging workers and community residents in a dialogue that overcomes barriers, identifies shared concerns, and develops a common definition of pollution prevention as it relates to local facilities and nearby communities. Once productive communication is established, local participants work together on a site specific pollution problem solving through a two-stage process. Activities will be focused on three refinery-intensive regions: southern California, northwestern Indiana, and central New Jersey and southeast Pennsylvania.

## **SUMMARY OF PREVIOUS GRANT AWARDS TO TRIBAL ORGANIZATIONS**

### **FISCAL YEAR 1995**

#### **REGION 2**

##### **DUNBAR ASSOCIATION, INC.: DUNBAR ASSOCIATION'S MINORITY BUSINESS POLLUTION PREVENTION PROJECT**

**Grant Award: \$100,000**

Dunbar Association's project seeks to address the fact that many minority-owned small businesses in Syracuse, NY, contribute to the pollution in their community. These businesses are frequently located in minority communities. The initiative will: educate the community about pollution prevention; identify the pollution problems at a number of small businesses and provide technical and material support to remedy those problems; and provide financial support to those businesses in the form of loans, which will be used to implement pollution prevention initiatives. The goal of the project is to create a means by which minority small business owners can implement changes (in processes, and equipment, etc.) that will have environmental and health benefits without undermining the economic well-being of the businesses. The program will work cooperatively within existing frameworks such as the Pan-African Business Association (PABA) and other Native American and Latino organizations.

#### **REGION 4**

##### **POARCH CREEK INDIANS: AGRICULTURE POLLUTION PREVENTION DEMONSTRATION PROJECT**

**Grant Award: \$90,000**

After years of agricultural runoff, the surface waters and watershed of the Poarch Creek Indian reservation, located in Alabama, have become impaired. The goal of this project is to improve the surface-water quality of the Poarch Creek Indian Community through the application of pollution prevention measure and/or best management practices (BMPs). The tribe will form a partnership consisting of all Poarch Creek Community landowners, farmers, Indians and non-Indians, and federal and state agencies to develop an agriculture pollution prevention plan and strategy for the Poarch Community area, conduct a demonstration of agriculture pollution prevention measures or BMPs, include in demonstrations measures or BMPs that are innovative but economically feasible, and involve the whole community in all phases of the project.

#### **REGION 5**

##### **CLEAN WATER FUND: MERCURY PREVENTION THROUGH INDIGENOUS EDUCATION AND ACTION**

**Grant Award: \$85,000**

The Indigenous Environmental Network and the Clean Water Fund, working with partners White Earth Land Recovery Project and Clean Water Action Alliance, are requesting grant funding to address EJ issues of mercury pollution that are threatening the health and traditional lifestyle of native populations in MN, WI, and MI through P2 and education. The project proposes four components to address mercury threats to native populations through P2, including: 1) provide educational materials to native and nonnative people on the threat of mercury pollution; 2) disseminate information to native and nonnative people through workshops on mercury pollution, with more in-depth training provided to leaders within the communities; 3) adopt an Indigenous Policy Platform for mercury prevention, and develop principles for a mercury prevention campaign; and 4) develop a Model Community Action Plan aimed at encouraging community residents and institutions to adopt energy efficiency and conservation practices.

##### **NATIVE AMERICAN EDUCATIONAL SERVICES COLLEGE: MENOMINEE RESERVATION ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION EDUCATION PROJECT**

**Grant Award: \$6,780**

The Native American Educational Services (NAES) College will use its grant funding to provide an educational program and household hazardous waste P2 project on the Menominee Reservation in Wisconsin. Approximately 6,000 people



live on the Menominee Reservation, 4,000 of whom are Menominee. The majority of the households on the reservation are connected to septic tanks that are not adequate treatment systems to protect against potential dangers associated with the disposal of hazardous household cleaning products. The project will provide information on the basic principles of P2, the identification of household hazardous wastes, and the use of substitute nontoxic cleaners. Participants in the project will gain first-hand experience with the use of nontoxic cleaners, public education and community outreach, obtaining access to TRI data and other information on facilities handling hazardous substances within their communities, and addressing the tribal government on P2 issues. Information will be disseminated through a series of workshops.

**UPPER SIOUX AND LOWER SIOUX COMMUNITIES: WIND ENERGY FEASIBILITY AND ENERGY EDUCATION PROJECT**  
**Grant Award: \$49,920**

Goals of this project are to complete the wind feasibility study, and allow the Lower Sioux community to move toward the use of wind power generated electricity and reduce reliance upon polluting methods of electrical generation, to develop an education program that will introduce tribal members to wind power as a viable alternative to current practices, and to create a model demonstrating the use of wind power on a community scale that sets an example for other communities in the region to follow. The 620 member Lower Sioux Indian Community is located in west central Minnesota and extends over an area of 1,743 acres near Morton, MN. The reservation lies within the Central Lowland physiographic province with 80 percent of the reservation above the Minnesota River Valley on the adjacent bluffs.

**REGION 6**

**PUEBLO OF POJOAQUE: ENVIRONMENTAL JUSTICE AND DEVELOPMENT CENTER**  
**Grant Award: \$80,000**

The Pueblo of Pojoaque has been central to the community of the Eight Northern Pueblos of New Mexico. Since the resettlement of the native people on ancestral lands, Pojoaque has become the center for cultural redevelopment and has been recognized by the Administration for Native Americans as a model of cultural revitalization. As the population of the valley increases, it becomes increasingly important to educate people about the affect of population changes on the environment. In order to achieve this goal, the community will establish the Pueblo of Pojoaque EJ and Development Center. The center will be an educational facility designed specifically to address P2 in the context of growth. The center will serve as a clearinghouse for seminars, workshops, and training in all aspects of P2 for the Indian and non-Indian communities of the area. Some of the courses included in the curriculum are: Infrastructure Planning Workshop, Seminar in Water System, Air Quality Monitoring Station, and Ongoing Studies.

**REGION 7**

**HASKELL INDIAN NATIONS UNIVERSITY: CURRICULUM DEVELOPMENT IN POLLUTION PREVENTION AND OUTREACH TO INDIAN COMMUNITY**  
**Grant Award: \$45,000**

Haskell Indian Nations University was established in 1884 to serve the Native American community. This project deals with two focus areas: training in decision-making and problem-solving and advancement of partnerships. Decision-making training will be implemented through four activities: 1) facilitate on-site workshops and training at reservations or urban concentrations for selected topics; 2) provide on-site training for the measurement and monitoring of various indications of pollution intensity; 3) provide investigative research support for tribal needs in microbiology/toxicology; 4) develop and enhance public and private partnerships.

**REGION 8**

**MONTANA STATE UNIVERSITY EXTENSION SERVICE: MONTANA TRIBAL POLLUTION PREVENTION CONSORTIUM —RESERVING A QUALITY CULTURE AND ENVIRONMENT**  
**Grant Award: \$50,000**

There are nine Indian Tribal Nations located on seven reservations and adjoining communities in the state of MT. The Tribal Nations comprise 6.2 percent of MT's population. As independent nations, MT tribes have lacked the ability and resources to assess environmental issues unique to their reservations and design, implement, and evaluate effective

strategies to prevent future environmental problems. The consortium's project goals include: 1) coordinate with existing and proposed reservation EJP2 efforts; 2) bring representatives from each MT Indian reservation together to discuss and deal with environmental issues common and unique to the reservations through the implementation of reservation P2 assessment and education/training; 3) establish tribal leadership teams, from each reservation, to create reservation P2 programs; 4) with the cooperation and input from each tribal leadership team, develop and conduct an assessment of environmental issues affecting the Native American population; 5) as a result of each reservation environmental issues assessment develop custom P2 education/training programs targeted to the affected audience, stakeholders, and reservation leadership; and 6) serve as a model program for other states with Native American reservations.

**NORTHWESTERN BAND OF THE SHOSHONI NATION: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION EDUCATION TRAINING**

**Grant Award: \$50,000**

The purpose of this application is to develop, on behalf of all 89 tribes located within the borders of the State of UT and through a cooperative effort, a comprehensive strategy to assist the tribal governments in identifying environmental concerns and P2 processes to address these concerns within their own communities. The program will be structured to educate and train tribal leaders and program managers in P2 processes to manage their own environmental concerns. The grant will also discuss how the tribes could join forces and collectively establish an environmental office. This office would assist in the efforts to address mutual concerns and individual tribal concerns, as well in seeking funding to aid in the development of specific strategies related to environmental protection. Other efforts included in this grant include: identifying what tribal regulations/ordinances currently exist for each tribe and what steps need to be taken toward the development and/or enhancement of environmental protection that include P2; how the regulations/ordinances are currently being enforced, and/or can these enforcement techniques be improved, or should a stronger cooperative effort between tribes, EPA, the state and local governments be developed; what are the tribal capabilities to respond to environmental emergencies, and/or what are the tribes' needs to accomplish this type of objective?

**SINTE GLESKA UNIVERSITY: A TRAINING AND DEMONSTRATION PROJECT IN ENVIRONMENTAL JUSTICE**

**Grant Award: \$50,000**

Many people on the Rosebud reservation live in houses that are full of hazardous materials. Sinte Gleska University (SGU), also on the reservation, is implementing an "Energy and Technology Policy." SGU has also begun to develop a "Sustainable Construction" component for the SGU Vocational Education Degree Building Trades Program. The focus is to teach SGU students how to best work with sustainable design, materials, and construction techniques using the tribe's locally available and natural resources to construct culturally appropriate nontoxic buildings. To achieve this goal, SGU will: 1) provide continuing education for SGU instructors; 2) teach SGU staff and students the need to learn how to do cost-benefit analysis for changing the existing university lighting system to the most energy-efficient lighting available; 3) teach youths how to design and build their own culturally appropriate, nontoxic buildings, using primarily tribal resources.

**PINE RIDGE INDIAN RESERVATION: SLIM BUTTES COMMUNITY YOUTH AGRICULTURE DEVELOPMENT PROJECT: RUNNING STRONG FOR AMERICAN INDIAN YOUTH**

**Grant Award: \$25,000**

The Slim Buttes Community Agricultural Development Project addresses P2 in agriculture through a demonstration program and training activities promoting organic gardening and sustainable agriculture. Through organic gardening workshops and gardening assistance provided to family and community gardening cooperatives, integrated pest management and alternatives to the use of pesticides is demonstrated. The Slim Buttes Project provides small-scale organic community farming cooperatives with agricultural technical assistance, equipment, supplies, seeds, and seedlings. Small-scale community farming allows families and neighbors the opportunity to work cooperatively and provide a means of self-sufficiency and self-worth. All gardens in the programs are completely organic. Running Strong for American Indian Youth is dedicated to helping Native Americans solve Native American problems through long-term, self-sufficiency programs. The Slim Buttes Project is designed to raise the standard of living and the self-esteem of the Ogalala Lakota on the Pine Ridge Reservation. Through organic gardening workshops, field demonstrations, and "train-the-trainer" workshops, the Slim Buttes Community Agriculture Project can be easily replicated on other reservations in SD and neighboring states.

**SHOSHONE & NORTHERN ARAPAHO TRIBES: POPULATION PROTECTION THROUGH POLLUTION PREVENTION** Grant Award: \$40,000

The goal of this project is to reduce the exposure of tribal members to potentially toxic chemicals through a combination of efforts aimed at education, access to information, planning for pollution prevention, elimination of hazardous materials from individual homes, and a preliminary assessment of epidemiological conditions on the reservation. This project will focus on education and training of tribal government employees, education of the population at large, and education of individuals routinely involved in the handling and application of hazardous materials. Products include a needs assessment, a computerized epidemiological database, and a mapping of ground water vulnerability through GIS.

**TURTLE MOUNTAIN BAND OF CHIPPEWA INDIAN TRIBES: POLLUTION PREVENTION COMMUNITY EDUCATION AND INVOLVEMENT PROJECT** Grant Award: \$25,000

The Turtle Mountain Chippewa Reservation is located in north central ND. Most of the reservation is wooded, and supports an economy of agriculture, livestock, various businesses, tribal and federal agencies, hospitals, and the Turtle Mountain Manufacturing Company (TMMC). The reservation is located in Rolette County, ranked as the 11th poorest county in the U.S. TMMC is the major employer and is an industrial facility that manufactures trailers for the Department of the Army. Large amounts of paint, solvents, acids, chemicals, and other hazardous wastes are utilized at this facility. In 1988, EPA began enforcement action at a TMMC for violating the RCRA requirement regarding handling of hazardous and solid wastes. The tribe's sole source of reliable drinking water lies below agricultural croplands and is adjacent to the reservation. This aquifer is subject to the effects of fertilizers and pesticide use. The grant project will develop an intensive series of educational and informational meetings designed to inform tribal members and residents of the importance of implementing and enforcing environmental policies and codes. A P2 coordinator, in conjunction with the Tribal Environmental Coordinators Office, will institute P2 training and awareness mechanisms, including regular and frequent meetings with tribal elder groups, community colleges, local schools, tribal programs, federal and state agencies, and the local business community. Community members will receive informational material, and an environmental steering group composed of stakeholders will be educated on major environmental laws and other opportunities.

**TURTLE MOUNTAIN RESERVATION OF NORTH DAKOTA & WRITAR: SUSTAINABLE BUSINESS DEVELOPMENT: POLLUTION PREVENTION IN MANUFACTURED HOUSING** Grant Award: \$50,000

The disproportionately high use of manufactured housing by Native Americans leads to long-term human exposure to well-documented indoor air quality hazards existing in manufactured homes. Current manufactured housing design does not integrate environmental considerations such as material selection, use, and application. Further, while representing a significant portion of housing units for Native Americans, existing manufactured housing is not responsive to the needs of Native Americans. This project will: 1) foster provision of affordable, healthy, resource-efficient housing by a locally based industry; 2) complete a Design for the Environment (DfE) on manufactured homes by developing a manufactured housing design utilizing materials and methods that minimize the use of natural resources in the manufacturing process, as well as in the use and maintenance of these homes; 3) identify and integrate specific environmental and cultural needs of Native Americans into this DfE for manufactured homes; 4) create a business plan for Turtle Mountain Manufacturing Company that addresses economic injustices by strengthening the economic base of this reservation through the fabrication of sustainable, manufactured housing to serve the local population.

**REGION 10**

**CITY OF PILOT POINT: PILOT POINT ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION PROJECT** Grant Award: \$49,737

Pilot Point, AK, is a predominantly Native American community, isolated from access to the state's road system by extreme terrain conditions and climates. While the community has made progress with sewer, water, and electricity projects for the base population, the impact of the increased summer population continually creates additional health problems that over-burden the limited resources of the community to be able to develop and implement P2 strategies effectively. The community believes that it can work toward accomplishing its goal with assistance from the grant program, which will help the community develop an Environmental Services Coordinator administrative position. The

coordinator will: 1) identify pollution concerns and develop prevention strategies, such as raising awareness of issues through public education; 2) identify industrial pollution problems and develop prevention action plans; 3) work with construction project designers to limit potential environmental damage; and 4) network with other regional communities and EPA on environmental P2 concerns via conference travel and computer.

**SPOKANE TRIBE OF INDIANS: INTEGRATED PEST MANAGEMENT AND USE OF BIOLOGICAL PEST CONTROLS**  
**Grant Award: \$25,000**

The Spokane Indian Reservation faces a large and growing problem with noxious weeds on its 157,000 acres of range land. Unable to afford an integrated pest management plan, the community has approached the problem by using whatever funds are made available by the BIA to purchase chemicals and spray infested areas of land. This budget-driven approach to pesticide use threatens the health of the tribe and its land. To address this issue, the following project proposes to use EJP2 funds to develop an integrated pest management strategy to allow the tribe to examine pest control in a comprehensive way and to integrate pest control with other resource management goals. Grant funds will allow the tribe to apply pesticides on the basis of need, as assessed in a survey of reservation pest problems. Funding also will support the tribe's efforts to convert from chemical pesticides to biological pest controls and train tribal members to assess pollution issues connected with pesticide applications. A coordinator will be hired to help the tribal community develop and implement the project.

**FISCAL YEAR 1996**

**REGION 10**

**TULALIP TRIBES OF WASHINGTON: MODEL TRIBAL ENVIRONMENTAL POLICY ACT (TEPA) PROJECT**  
**Grant Award: \$196,614**

Under current conditions, economic development on and near Indian Reservations is resulting in short-term economic gain at the expense of the reservation environment and culture. This project will help tribes to balance the competing demands of economic development and environmental protection, involve the community in this effort, and encourage sustainable development through a focus on pollution prevention. The proposed project will result in: 1) the development of a model Tribal Environmental Policy Act (TEPA) that tribes can use to review development proposals, 2) a pollution prevention reference chart for tribes to use in conjunction with their TEPA and NEPA activities, and 3) a training curriculum to enhance tribal understanding of and effectiveness in the Federal NEPA process.

**FISCAL YEAR 1997**

**REGION 2**

**HAUDENOSUANEE ENVIRONMENTAL TASK FORCE: THE HAUDENOSUANEE OHENTEN KARIHWATEHKWEN: AN INDIGENOUS STRATEGY FOR LONG TERM POLLUTION PREVENTION**  
**Grant Award: \$100,000**

The Haudenosaunee Environmental Task Force (HETF) was founded to address the environmental concerns of the Iroquois Confederacy; to prevent future pollution problems; and to develop restoration plans to sustain the indigenous people, their culture, and the natural world for future generations. The proposed funding will allow HETF to function more efficiently as a clearinghouse for the exchange and dissemination of environmental information; to complete the design of community education pollution prevention programs that combine traditional environmental knowledge with scientific and technical information; and coordinate a conference that will bring together experts and the community to discuss environmental laws, pollution prevention, and Haudenosaunee culture.

## **REGION 4**

### **MISSISSIPPI BAND OF CHOCTAW INDIANS: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION**

**Grant Award: \$91,632**

As part of their project, the Chataw will conduct a comprehensive investigation into pollution prevention opportunities and barriers facing the community. The research will, in turn, produce recommendations for use in the development of a community-wide pollution prevention plan. To delineate pollution prevention opportunities and barriers, and provide a foundation for pollution prevention planning supportive of economic and natural resource development, this project will have three components: a sociological assessment of Choctaw community members; a natural resources assessment, focusing on the watershed and tribal interactions with fisheries; and an assessment of waste reduction and energy conservation opportunities and barriers on the reservation. Priority will be placed on defining tribal education and training need and as well as nonregulatory strategies and technologies for effecting community-wide pollution prevention. Tribal members will be involved in data collection and interpretation, recommendation development, and oversight efforts.

## **REGION 5**

### **FOND DU LAC RESERVATION BUSINESS COMMITTEE: POLLUTION PREVENTION INITIATIVE**

**Grant Award: \$22,080**

The Fond du Lac Reservation Business Committee's solid waste specialist will conduct waste audits on eight businesses on the reservation. The goal of these audits is to remove persistent toxins from the businesses' waste streams and educate their employees on pollution prevention alternatives for reducing solid waste. The solid waste specialist will do source reduction and pollution prevention audits on the eight nonresidential waste generators. Source reduction audits will involve the staff and management of these businesses to help identify areas where toxic substances are being used. It will be the responsibility of the solid waste specialist to assist the staff and management of these businesses in implementing appropriate changes to reduce or eliminate these hazards from the waste streams and follow up on their progress. This project will have a tribal focus and identify problems that may be unique to Indian Country, and will document the resources available to deal with these problems effectively.

### **LOWER SIOUX RESERVATION: WIND ENERGY DEMONSTRATION PROJECT** Grant Award: \$90,000

Coal, oil, and gas-fired power plants are disproportionately located near minority communities, tribal communities, and politically less established communities. The development of a local wind-powered electrical energy resource will reduce dependency on pollution-creating energy production methods. By allowing the Lower Sioux community to control its source of electrical energy, this project will help eliminate the negative effects of being a minority community disengaged from the power plant siting process, while at the same time reduce the amount of pollution created. The project consists of three components: a wind energy system demonstration project; the *Lower Sioux Wind Energy: Project Generation and Distribution System Design and Specification Report*; and educational and community input activities, including public meetings and information dissemination.

## **REGION 8**

### **MONTANA STATE UNIVERSITY: TRIBAL COLLEGE ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION SCHOLARSHIP, INTERNSHIP AND EMPOWERMENT PROGRAM**

**Grant Award: \$100,000**

The Montana Pollution Prevention Program is an educational and nonregulatory program of the Montana State University Extension Service (MSUES). As a land-grant university, MSUES provides educational programming throughout Montana including all tribal colleges. Through successful past experiences with Montana tribes, the Montana Pollution Prevention Project will facilitate the creation of the Tribal College Environmental Justice/Pollution Prevention Scholarship, Intern and Empowerment Program. This scholarship and internship program at MSU will

provide pollution prevention support courses and experiential learning opportunities for Native American faculty and students from Montana's seven tribal colleges.

**MONTANA TRIBAL BUSINESS INFORMATION NETWORK: POLLUTION PREVENTION TECHNICAL ASSISTANCE AND TRAINING PROJECT**  
**Grant Award: \$85,000**

The Montana Tribal Business Information Network (TBIN) is comprised of the seven Tribal Business Information Centers (TBICS) located on each of the seven reservations in Montana (Crow, Northern Cheyenne, Fort Peck, Fort Belknap, Rocky Boy, Blackfeet, and Flathead). The TBIM is requesting funding to provide technical assistance and training in implementing pollution prevention technologies and form a Pollution Prevention Tribal Cooperative. The cooperative will serve all seven of the Indian reservations in Montana. The grant will provide technical assistance and training to the TBIC on each of the seven Indian reservations to enable them to identify and use pollution prevention technologies.

**RUNNING STRONG FOR AMERICAN INDIAN YOUTH: POLLUTION PREVENTION IN AGRICULTURE PROJECT**  
**Grant Award: \$30,000**

Running Strong for American Indian Youth sponsors and operates the Slim Buttes Community Agricultural Development Project on the Pine Ridge Indian Reservation in South Dakota. Grant assistance will enable the Slim Buttes project to address agricultural pollution prevention through a demonstration project and training activities promoting organic gardening and sustainable community agriculture. The program will involve workshops, field demonstrations, new composting operations, and the creation and dissemination of written educational materials.

**REGION 10**

**CHICKALOON NATIVE VILLAGE: RENEWABLE ENERGY DEVELOPMENT FOR ALASKAN NATIVE VILLAGES**  
**Grant Award: \$80,000**

This project will establish an integrated framework to help Alaska native villages assess the development potential of renewable energy resources on village land. Developing renewable energy sources will help villages lessen dependence on fossil fuels. Direct air pollution reduction benefits can be readily calculated for each megawatt of displaced fossil fuel generation capacity, while direct and indirect community economic benefits will also accrue from reduced pollution and local production of renewable energy.

## **APPENDIX G: INFORMATION REGARDING DEFINITION OF SMALL BUSINESS**

Small business regulations are contained in Title 13 CFR Part 121, and the Federal Acquisition Regulation 48 CFR Part 19. Small business is defined by the Small Business Administration's (SBA) Small Business Size Regulations in 13 CFR, Part 121. Because SBA's definition of a small business is very complex, and varies by industry, this appendix lists information that can help determine if the business you intend to work with qualifies as a small business.

For the applicable size standard and for size standard questions, you may contact the SBA located in one of the area offices of the Office of Government Contracting or in Washington, DC. A downloadable file with a table of the size standards also is available on "SBA ONLINE" under both the financial assistance and government contracting sections. You may reach SBA ONLINE via your computer at 1 800 697-4636; or in the Washington Metropolitan Area at 202 401-9600. The SBA ONLINE home page is on the Internet at: <[www.sbaonline.sba.gov](http://www.sbaonline.sba.gov)>.

Each of the six area offices of the SBA's Office of Government Contracting, and two offices in the Washington, DC, area have an employee designated as a size specialist. Their addresses and telephone numbers are as follows:

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|--|---|
| 1. Office of Government Contracting<br>New York Area Office<br>U.S. Small Business Administration<br>26 Federal Plaza, Suite 3108<br>New York, NY 10278<br>Phone: 212 264-7756             | 5. Office of Government Contracting<br>Division of Program Certification and Eligibility<br>U.S. Small Business Administration<br>4300 Amon Carter, Suite 116<br>Ft. Worth, TX 76155<br>Phone: 817 334-5915 |
| 2. Office of Government Contracting<br>Philadelphia Area Office<br>U.S. Small Business Administration<br>475 Allendale Road, Suite 201<br>King of Prussia, PA 19406<br>Phone: 610 962-3723 | 6. Office of Government Contracting<br>San Francisco Area Office<br>U.S. Small Business Administration<br>71 Stevenson Street, 20th Floor<br>San Francisco, CA 94105-2939<br>Phone: 415 744-6844            |
| 3. Office of Government Contracting<br>Atlanta Area Office<br>U.S. Small Business Administration<br>1720 Peachtree Road, NW., Suite 318 North<br>Atlanta, GA 30309<br>Phone: 404 347-7587  | 7. Office of Size Standards<br>U.S. Small Business Administration<br>409 Third Street, SW.<br>Washington, DC 20416<br>Phone: 202 205-6618   |
| 4. Office of Government Contracting<br>Chicago Area Office<br>U.S. Small Business Administration<br>300 South Riverside Plaza, Suite 1975<br>Chicago, IL 60606-6617<br>Phone: 312 353-7674 | 8. Office of Industrial Assistance<br>U.S. Small Business Administration<br>409 Third Street, SW.<br>Washington, DC 20416<br>Phone: 202 205-6475  |