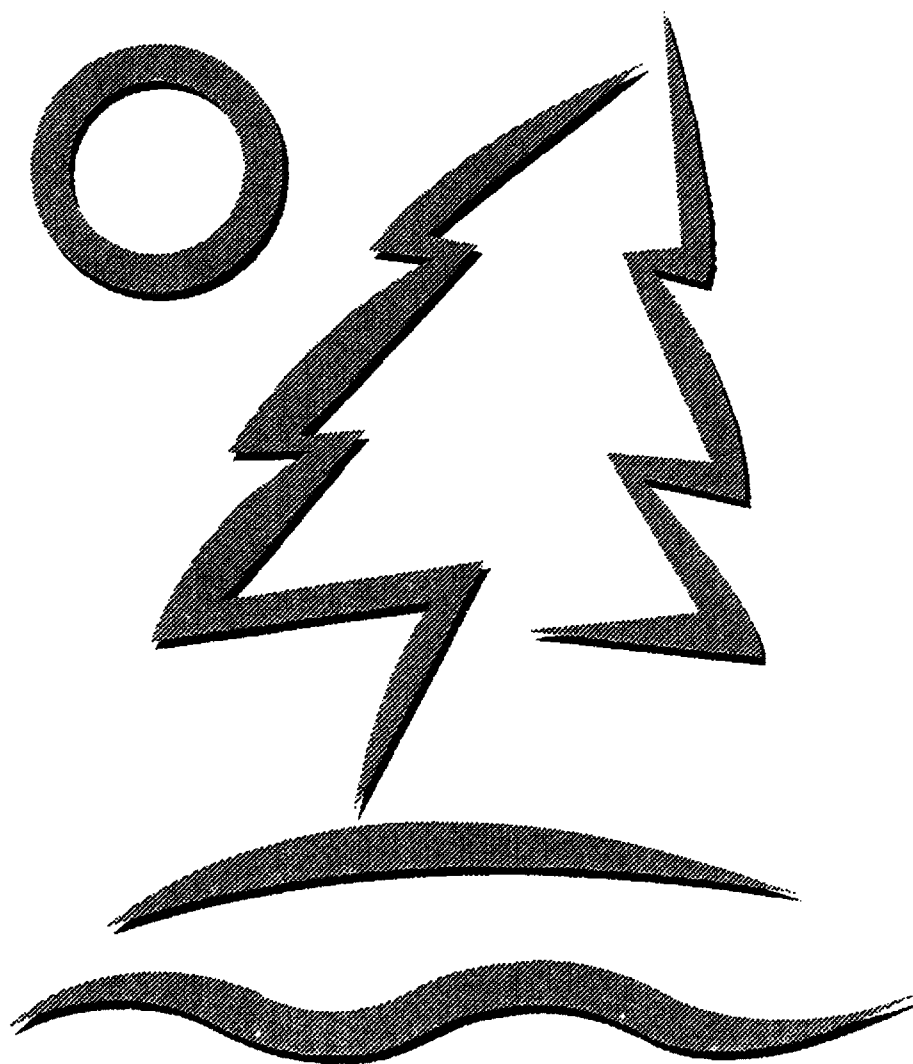




# Environmental Justice Through Pollution Prevention Grant Guidance 1999

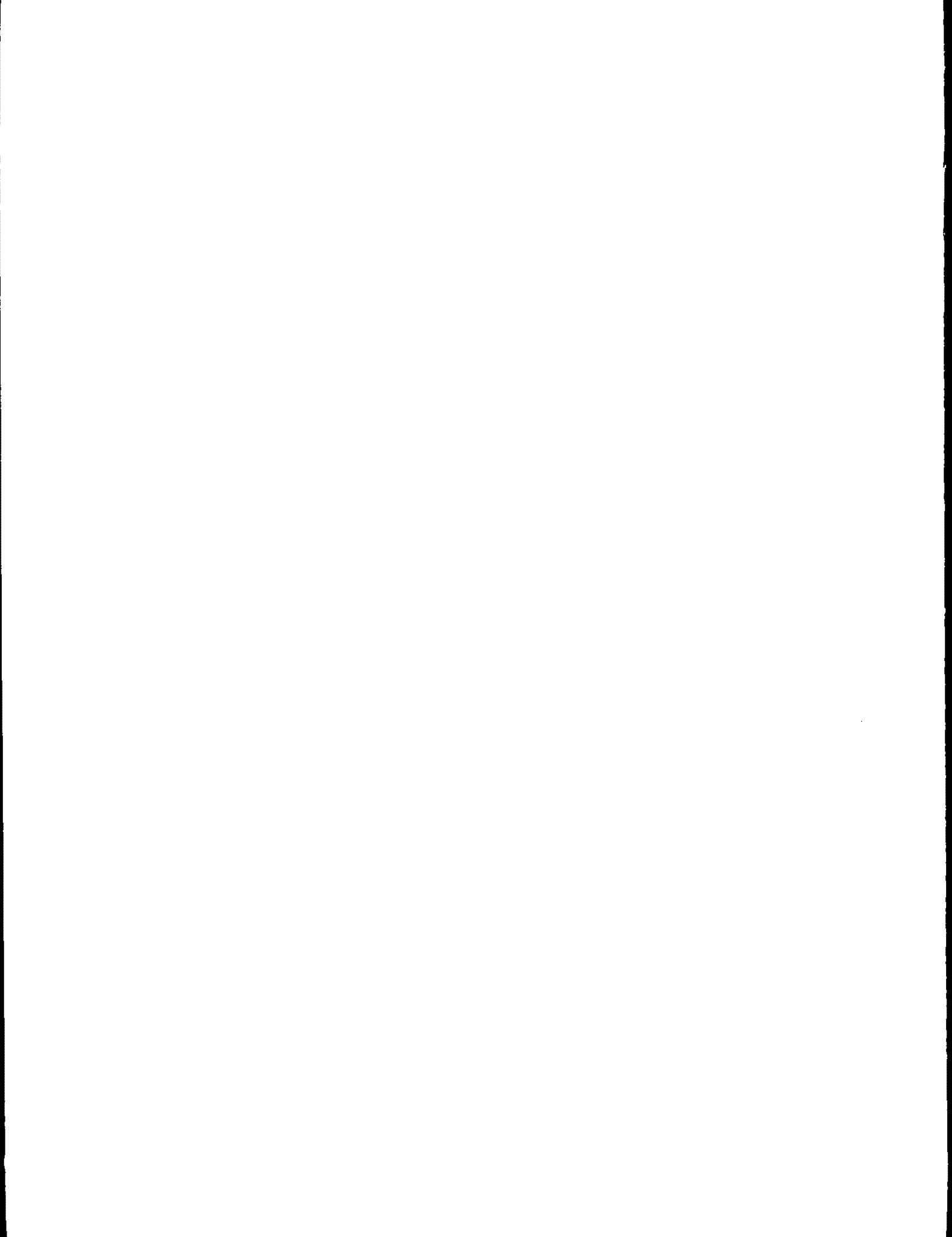


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## TABLE OF CONTENTS

|  |     |
|--|-----|
| INTRODUCTION .....   | 1   |
| I. Scope and Purpose of the EJP2 Grant Program .....                 | 1   |
| II. Eligible Applicants .....  | 3   |
| III. Amounts and Matching Requirements .....                         | 3   |
| IV. Eligible Activities .....  | 4   |
| V. Development of Proposals .....                                    | 6   |
| VI. Evaluation of Proposals .....                                    | 8   |
| VII. Process for Awarding and Issuing Grants .....                   | 8   |
| VIII. EPA Contacts .....   | 9   |
| IX. Definitions .....  | 9   |
| Appendix A: Checklist of Application Materials .....                 | A-1 |
| Appendix B: Application Forms and Instructions .....                 | B-1 |
| Appendix C: Map of EPA Regions .....                                 | C-1 |
| Appendix D: State Single Points of Contact .....                     | D-1 |
| Appendix E: Summary of Previous Grant Awards .....                   | E-1 |
| Appendix F: Information Regarding Definition of Small Business ..... | F-1 |

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100

101

102

103

104

105

106

107

108

109

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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 and low-income 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) 1999 multi-media Environmental Justice Through Pollution Prevention (EJP2) grant funds under the Office of Pollution Prevention and Toxics. For FY 1999, EPA will award approximately \$750,000 in grant funds to eligible organizations. Applications must be mailed to EPA's contractor, Eastern Research Group, Inc., (ERG) (address provided in Section VII), and received no later than 5 p.m. e.s.t., August 12, 1999.

### 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 environmental justice, environmental, academic, governmental, tribal, community-based, and grass-roots groups (including churches and civic organizations) 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 between 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 nonregulatory strategies and technologies.

For FY 1999, EPA will award approximately \$750,000 in grant funds through the Office of Pollution Prevention and Toxics' Pollution Prevention Division. **All applications must be received by EPA's contractor, ERG, no later than 5 p.m. e.s.t. on August 12, 1999** (see Section VII for mailing

information). Grant awards will be announced no later than September 30, 1999 (see Section IV for a schedule of EJP2 grant-related activities).

**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 socioeconomic 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 and Source Reduction**
- Recycling
- Treatment
- Safe Disposal

This grant program is focused on using pollution prevention 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 nonpollution prevention related activities.

**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: <<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 community organizations with 501(c)(3) or 501(c)(4)<sup>1</sup> IRS tax status or state and federally recognized tribal organizations may submit an application upon the publication of this solicitation. "Non-profit organization" is defined as any corporation, trust, association, cooperative, or other organization that 1) operates primarily for scientific, educational, service, charitable, or similar purposes in the public interest; 2) is not organized primarily for profit; and 3) uses its net proceeds to maintain, improve, and/or expand its operations. While state and local governments and academic institutions are eligible to receive grants, preference will be given to nonprofit, community-based/grassroots organizations and state and federally recognized tribal organizations. Organizations must be incorporated by August 12, 1999, in order to be eligible to receive funds. **For-profit organizations, federal agencies, and individuals are not eligible for this grant program.** Organizations excluded from applying directly, as well as those inexperienced in grant-writing, are encouraged to develop partnerships and prepare joint proposals with organizations that are eligible for funding.

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 have greater 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 either one EPA region or that involve communities located in two (2) or more

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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 non-profit, 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.

EPA Regions. A map outlining EPA's 10 regions is included in Appendix C. In accordance with 40 CFR Part 30, EPA **no longer requires cost sharing or matching for this grant program** as it applies to institutions of higher education, hospitals, and other non-profit organizations, unless otherwise required by statute, regulation, Executive Order, or official Agency policy. Therefore, any matching requirements may need to be determined on a case-by-case basis, depending upon the substantive focus of the grant proposal. Applicants that are governmental entities, such as state and local governments, are subject to a 25 percent matching or cost-sharing requirement. Matching or cost-sharing requirements may be satisfied through either cash or in-kind contributions.

**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 Part 30, "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.

During the past four years, EJP2 grants have been used to fund a broad range of innovative approaches and partnerships that address a diverse array of environmental problems. In total, EPA has funded 176 grants totaling over \$14 million. For FY1999, there is much less money available for competition. In previous years EPA has been able to fund 50 or more grants; however, this year we anticipate funding no more than 10 grants. This year, we will, therefore, focus our resources on a narrower set of priorities, including:

- **Information Products and Assistance:** Grantees would develop and disseminate information on effective environmental justice approaches, based in part on the results of earlier EJP2 grants (see list on page 6).
- **New Projects in Priority Areas:** Priorities include *small business* projects in environmental justice communities, *tribal* projects, projects using prevention approaches to protect *children* from toxics exposure, and projects to promote *liveable communities*.
- **Wrap-Up of Existing Grants:** Existing grantees may apply for additional funding to bring ongoing or unfinished projects to completion, explore new implications resulting from work already undertaken in the project, or replicate results of a project in a new setting or with a new audience.

After four years of innovation and experimentation, it is appropriate to focus this year's grants on learning from the results of earlier projects and sharing these lessons with other environmental justice communities. A number of topics addressed by earlier grants are listed below, and previous winners are summarized in **Appendix E** of this guidance.



**Information products** should be pollution prevention tools and approaches that environmental justice communities can use for addressing their environmental problems. The phrase "information products" is not intended to be restrictive. **Information products** can include, for example, case studies, training materials, web sites, and checklists or videos used in working with communities. The purpose is to create a tool that will be useful to other communities.

Ideally, these **information products** will reflect the results of earlier EJP2 projects. Information products, however, should not be limited to the work of earlier projects and should draw on the related experience and materials of the grantee. In addition to the general application criteria, grantee proposals for **information products and assistance** should also explain:

- How the grantee intends to build on a topic addressed by earlier grants.
- The grantee's qualifications for developing these materials.
- The grantee's ability to share information and provide assistance on an ongoing basis to environmental justice communities.

We encourage applications that focus on **information products and assistance** in one or more of the priority areas listed below. This summary is not intended to be exhaustive. Please note: an effective dissemination and assistance strategy is an important and integral part of each item.

**Agriculture:** EJP2 grants addressed the issues of farmworker safety and sustainable agriculture in environmental justice communities. Information would be useful on effective approaches and materials that can be more widely disseminated.

**Auto repair:** Several EJP2 grants focused on pollution prevention approaches for auto repair facilities, including approaches for reaching communities that might not otherwise be contacted by conventional regulatory and technical assistance programs. Auto repair also has been a common sector for many P2 approaches outside the context of environmental justice communities. It would be useful to have information that captures experience to date and provides materials and approaches that could be applied in other environmental justice communities.

**Collaborative projects with industry:** A number of EJP2 grants supported communities in developing collaborative approaches with local industries using GIS or TRI information. Case studies and information on approaches that could be replicated elsewhere might be particularly useful.

**Community outreach programs:** Several EJP2 grants focused on community issues including development of urban gardens, assisting communities in dealing with the environmental implications of transportation, and reducing the volume of solid waste. Case studies or materials examining results from one or more of these approaches might be helpful.

**Education programs:** A number of grants have focused on the development and dissemination of educational materials for environmental justice communities. Some of these education programs have been targeted towards immigrant communities or tribes where language has been a barrier to conventional methods of spreading information. A report that could assess, update, or synthesize this material, so it could be shared more broadly, would be valuable.

**Energy and resource efficiency:** Some EJP2 grants experimented with a variety of different approaches including renewable energy sources, improvements in efficiency, and water conservation programs with tribes and environmental justice communities. Information would be useful on unique circumstances and

concerns posed by environmental justice communities and tribes and on documenting approaches that worked well.

**Housing rehabilitation and indoor air quality:** Several EJP2 grants addressed problems associated with urban housing repair and rehabilitation, including resource efficiency and the impacts of painting. Information on environmental considerations in housing upgrades might be useful, particularly where pollution prevention approaches can be combined with efforts to clean up problems in existing housing.

**Job training:** A number of EJP2 projects involved job training, community service, and youth education in environmental justice communities. It would be useful to have information containing standardized program designs and materials, along with lessons drawn from experience with these programs.

**Small business technical assistance:** EJP2 grants have supported technical assistance for several sectors including dry cleaners and printers. EJP2 grants also have supported broader technical assistance programs targeted at different types of businesses within a particular community. Several projects looked at loans and other methods of financial assistance for environmental justice communities. Information would be useful on materials and effective approaches to technical assistance in one or more of these sectors. In addition, the kinds of issues and barriers that might be anticipated in dealing with environmental justice communities would also be useful.

**Tribal projects:** EJP2 grants to tribes have involved many of the approaches discussed above as well as unique ideas like model legislation. Other approaches were funded under grants to tribes through the Pollution Prevention Incentives for States grants program. It would be useful to have mechanisms for development and dissemination of information among tribes that recognizes the diversity of needs and circumstances of tribes.

The above project summaries are meant to list examples of useful products resulting from earlier EJP2 competitions and should serve as a guide to the kinds of prevention approaches deserving further consideration in environmental justice communities. They are not meant to be constraints, as there are many other sources of information to build upon besides earlier EJP2 grants.

Appendix E provides a summary of grants awarded by the EJP2 grant program in the 1995, 1996, 1997 and 1998 funding cycles.

For new projects in priority areas, EPA is encouraging applicants to develop proposals that are more targeted in nature. EPA's P2 program has identified the following as priority areas for FY1999: *small business* projects in environmental justice communities, *tribal* projects, projects using prevention approaches to protect *children* from toxics exposure, and projects to promote *liveable 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.

## 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 packet.

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 (i.e. information products and assistance, new projects in priority areas or wrap up of existing grants)
2. Narrative of the proposal not to exceed 5 double-sided pages. 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, SF 424B.
8. Certification Regarding Debarment, Suspension, and Other Responsibility Matters.
9. Letters of commitment, memoranda of understanding, or other documents that highlight significant involvement of other partners in your grant application.
10. Resumes or biographical information regarding the lead and other key personnel in the grant application.
11. 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. Pages must be letter size (8½" x 11"), with normal type size (11 CPI), and have at least 1" margins.

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

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

## **VI. EVALUATION OF PROPOSALS**

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

- (1) Would the project benefit a minority and/or low-income community?
- (2) Would the project prevent pollution?

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

- (1) Is the proposed approach likely to successfully address the community's environmental concerns?
- (2) Will the project be cost-effective?
- (3) Does the project identify a method for measuring and documenting the project's results, either quantitatively or qualitatively?
- (4) Does the project address one or more of the priority funding areas identified for this program in section IV of this guidance?

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

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

EPA will form a 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, III, and V of this guidance, as well as the evaluation criteria in Section VI.

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

After the individual projects are reviewed and ranked by the panel according to the criteria described in Section VI, EPA will compare the best applications and make final selections. EPA may also consider geographic and socioeconomic distribution, diversity of the projects, costs, and projects whose benefits can be sustained after the grant has been completed.

In the past, the EJP2 grant program has been extremely competitive. This year, the program has less money. EPA expects to receive a large number of grant applications, and does not anticipate being able to fund all of them. 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. e.s.t., August 12, 1999.** Proposals must be sent to:

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

To request additional copies of the grant program 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 **August 19, 1999.**
- Funding decisions for the EJP2 grant program's FY 1999 cycle will be publicly announced by **September 30, 1999.**
- **All projects must begin on or after October 1, 1999.** All projects must conclude, and funds must be expended, by **September 30, 2001.**
- Official letters informing all applicants of the status of their applications will be sent out **no later than October 10, 1999.**

**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. 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:  
<<http://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.

**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 an annual income (for a family of four) of \$16,400 per year, 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 and 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 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.

**Tribe** - All federally recognized American Indian tribes (including Alaska native villages), pueblos, and ranchers. The term tribe refers only to 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: 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 **1 page** summary cover sheet.
- ☐ Narrative of the proposal not to exceed 5 pages (double-sided)
- ☐ Key Contacts information sheet.
- ☐ Detailed, itemized budget.
- ☐ Certification of Non-Construction, SF 424B.
- ☐ Certification Regarding Debarment, Suspension, and Other Responsibility Matters.
- ☐ 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.

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

**Proposals must be received by EPA at the following address no later than 5 p.m. e.s.t., August 12, 1999:**

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.

## 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: \_\_\_\_\_



# APPLICATION FOR FEDERAL ASSISTANCE

OMB Approval No. 0348-0043

|   |             |  |   |                              |  |
|---|-------------|--|---|------------------------------|--|
| <b>1. TYPE OF SUBMISSION:</b><br>Application<br><input type="checkbox"/> Construction<br><input type="checkbox"/> Non-Construction<br>Preapplication<br><input type="checkbox"/> Construction<br><input type="checkbox"/> Non-Construction  |             | <b>2. DATE SUBMITTED</b>   |   | Applicant Identifier         |  |
|   |             | <b>3. DATE RECEIVED BY STATE</b>   |   | State Application Identifier |  |
|   |             | <b>4. DATE RECEIVED BY FEDERAL AGENCY</b>  |   | Federal Identifier           |  |
| <b>5. APPLICANT INFORMATION</b>   |             |  |   |                              |  |
| Legal Name:   |             |  | Organizational Unit:  |                              |  |
| Address (give city, county, State, and zip code):   |             |  | Name and telephone number of person to be contacted on matters involving this application (give area code)  |                              |  |
| <b>6. EMPLOYER IDENTIFICATION NUMBER(EIN):</b><br><div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div>   |             |  | <b>7. TYPE OF APPLICANT:</b> (enter appropriate letter in box) <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">           A. State<br/>B. County<br/>C. Municipal<br/>D. Township<br/>E. Interstate<br/>F. Intermunicipal<br/>G. Special District         </div> <div style="width: 45%;">           H. Independent School Dist.<br/>I. State Controlled Institution of Higher Learning<br/>J. Private University<br/>K. Indian Tribe<br/>L. Individual<br/>M. Profit Organization<br/>N. Other (Specify) _____         </div> </div> |                              |  |
| <b>8. TYPE OF APPLICATION:</b><br><div style="display: flex; justify-content: space-around; margin-top: 10px;"> <input type="checkbox"/> New           <input type="checkbox"/> Continuation           <input type="checkbox"/> Revision         </div> Revision, enter appropriate letter(s) in box(es) <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div> <div style="display: inline-block; width: 20px; height: 20px; border: 1px solid black; margin: 0 5px;"></div><br>A. Increase Award    B. Decrease Award    C. Increase Duration<br>D. Decrease Duration    Other(specify): _____ |             |  | <b>9. NAME OF FEDERAL AGENCY:</b>   |                              |  |
| <b>10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER:</b><br><div style="border: 1px solid black; width: 100px; height: 20px; margin: 5px 0;"></div> TITLE: _____   |             |  | <b>11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT:</b>  |                              |  |
| <b>12. AREAS AFFECTED BY PROJECT (Cities, Counties, States, etc.):</b>  |             |  |   |                              |  |
| <b>13. PROPOSED PROJECT</b>   |             | <b>14. CONGRESSIONAL DISTRICTS OF:</b>   |   |                              |  |
| Start Date  | Ending Date | a. Applicant   |   | b. Project                   |  |
| <b>15. ESTIMATED FUNDING:</b>   |             | <b>16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?</b>  |   |                              |  |
| Federal   | \$          | a. YES. THIS PREAPPLICATION/APPLICATION WAS MADE AVAILABLE TO THE STATE EXECUTIVE ORDER 12372 PROCESS FOR REVIEW ON:<br><br>DATE _____<br><br>b. No. <input type="checkbox"/> PROGRAM IS NOT COVERED BY E. O. 12372<br><input type="checkbox"/> OR PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW |   |                              |  |
| Applicant   | \$          |  |   |                              |  |
| State   | \$          |  |   |                              |  |
| Local   | \$          |  |   |                              |  |
| Other   | \$          |  |   |                              |  |
| Program Income  | \$          |  |   |                              |  |
| TOTAL   | \$          | <b>17. IS THE APPLICANT DELINQUENT ON ANY FEDERAL DEBT?</b><br><input type="checkbox"/> Yes    If "Yes," attach an explanation. <input type="checkbox"/> No  |   |                              |  |
| TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL DATA IN THIS APPLICATION/PREAPPLICATION ARE TRUE AND CORRECT, THE DOCUMENT HAS BEEN DULY AUTHORIZED BY THE GOVERNING BODY OF THE APPLICANT AND THE APPLICANT WILL COMPLY WITH THE ATTACHED ASSURANCES IF THE ASSISTANCE IS AWARDED.   |             |  |   |                              |  |
| Type Name of Authorized Representative  |             | b. Title   |   | c. Telephone Number          |  |
| Signature of Authorized Representative  |             |  |   | e. Date Signed               |  |

**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. Certain states have established a review and comment procedure pursuant to Executive Order 12732 and have selected this program to be included in their process. The applicant will use this form to certify that the State has been given an opportunity to review this submission. 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 12732 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 nonconstruction 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, 1999, and a ending date no later than September 30, 2001.  |
| 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.  |       |   |
| 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.  |       |   |
| 8.    | Check appropriate box and enter appropriate letter(s) in the space(s) provided:<br><br>--"New" means a new assistance award.<br>--"Continuation" means an extension for an additional funding and budget period for a project with a projected completion date.<br>--"Revision" means any change in the Federal Government's financial obligation or contingent liability from an existing obligation. |       |   |
| 9.    | Name of the federal agency from which assistance is being requested with this application: U.S. Environmental Protection Agency  | 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 D of the grant guidance.  |
| 10.   | The EJP2 grant program does not have a Catalog of Federal Domestic Assistance number. Please fill in "EJP2 grant program" for the title.   | 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.  |
|       |  | 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).   |

# BUDGET INFORMATION - Non-Construction Programs

OMB Approval No. 0348-0044

## 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

| 6. 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                      | \$                                  | \$  | \$  | \$  |  | \$        |

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### SECTION C - NON-FEDERAL RESOURCES

| (a) Grant Program             | (b) Applicant | (c) State | (d) Other Sources | (e) TOTALS |
|-------------------------------|---------------|-----------|-------------------|------------|
| 8.                            | \$            | \$        | \$                | \$         |
| 9.                            |               |           |                   |            |
| 10.                           |               |           |                   |            |
| 11.                           |               |           |                   |            |
| 12. TOTAL (sum of lines 8-11) | \$            | \$        | \$                | \$         |

### 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) |            |           |            |
|--------------------------------|--------------------------------|------------|-----------|------------|
|                                | (b) First                      | (c) Second | (d) Third | (e) Fourth |
| 16.                            | \$                             | \$         | \$        | \$         |
| 17.                            |                                |            |           |            |
| 18.                            |                                |            |           |            |
| 19.                            |                                |            |           |            |
| 20. TOTAL (sum of lines 16-19) | \$                             | \$         | \$        | \$         |

### SECTION F - OTHER BUDGET INFORMATION

|                     |                       |
|---------------------|-----------------------|
| 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 Appendix B 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.</b>     | <b><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.</b>    | <b><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.</b>   | <b><u>Travel</u></b>  |                     |
|               | Local travel at \$0.26 per mile: outreach coordinator<br>travel to outreach communities   | \$ 500.00           |
|               | 2 conference travel: from Chicago, IL to Washington, DC<br>at \$500 per person to present<br>results of project at the end of project | <u>1,000.00</u>     |
|               |   | 1,500.00            |
| <b>IV.</b>    | <b><u>Equipment (Rental)</u></b>  |                     |
|               | Audio visual and projector rental: for community outreach<br>presentations  | \$ 500.00           |
|               | Computer equipment  | <u>500.00</u>       |
|               |   | 1,000.00            |
| <b>V.</b>     | <b><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> |

**ASSURANCES - NON-CONSTRUCTION PROGRAMS**

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including 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 the 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 (0348-0040), Washington, DC 20503.

**PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.**

**NOTE:** Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the awarding agency. Further, certain Federal awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project cost) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the award; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
4. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
5. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
6. Will comply with all Federal statutes relating to nondiscrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.
7. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal or federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
8. Will comply, as applicable, with provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.

9. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333), regarding labor standards for federally-assisted construction subagreements.
10. Will comply, if applicable, with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
11. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
12. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
13. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
14. Will comply with P.L. 93-348 regarding the protection of human subjects involved in research, development, and related activities supported by this award of assistance.
15. Will comply with the Laboratory Animal Welfare Act of 1966 (P.L. 89-544, as amended, 7 U.S.C. §§2131 et seq.) pertaining to the care, handling, and treatment of warm blooded animals held for research, teaching, or other activities supported by this award of assistance.
16. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
17. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
18. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

|   |  |                |  |
|---|--|----------------|--|
| SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL |  | TITLE          |  |
| APPLICANT ORGANIZATION                      |  | DATE SUBMITTED |  |



\_\_\_\_\_  
EPA Project Control Number  
\_\_\_\_\_

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.

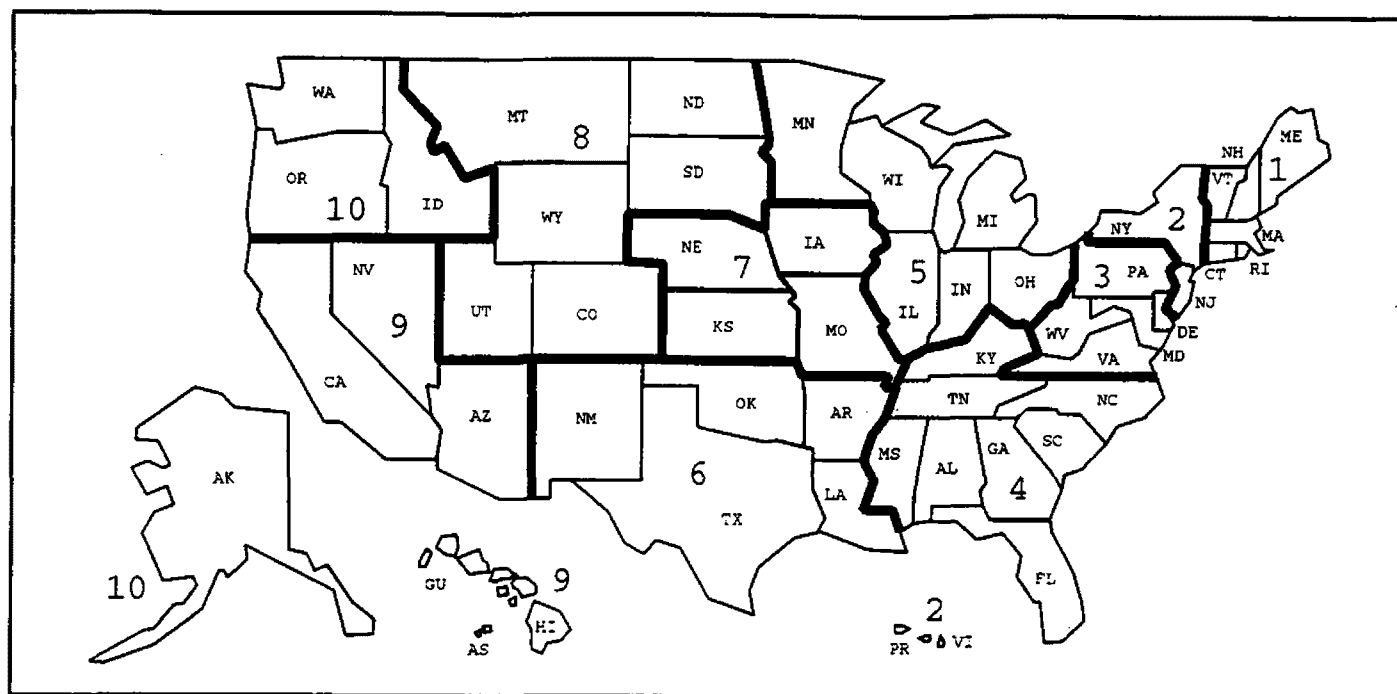
### **How To Obtain Forms:**

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 Administrative Division at 202 564-5315 or by writing to:

Compliance Branch  
Grants Administrative Division (PM-216F)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460

# Appendix C: 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 |                |    |

**Region 1** Connecticut  
Maine  
Massachusetts  
New Hampshire  
Rhode Island  
Vermont

**Region 2** New Jersey  
New York  
Puerto Rico  
Virgin Islands

**Region 3** Delaware  
District of  
Columbia  
Maryland  
Pennsylvania  
Virginia  
West Virginia

**Region 4** Alabama  
Florida  
Georgia  
Kentucky  
Mississippi  
North Carolina  
South Carolina  
Tennessee

**Region 5** Illinois  
Indiana  
Michigan  
Minnesota  
Ohio  
Wisconsin

**Region 6** Arizona  
Louisiana  
New Mexico  
Oklahoma  
Texas  
**Region 7** Iowa  
Kansas  
Missouri  
Nebraska

**Region 8** Colorado  
Montana  
North Dakota  
South Dakota  
Utah  
Wyoming

**Region 9** Arizona  
California  
Hawaii  
Nevada  
American  
Samoa  
Guam

**Region 10** Alaska  
Idaho  
Oregon  
Washington

## APPENDIX D: 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 N. Central Avenue  
Fourteenth Floor  
Phoenix, AZ 85012  
Phone 602 280-1315  
Fax 602 280-1305

### ARKANSAS

Mr. Tracy L. Copeland  
Manager, State Clearinghouse  
Office of Intergovernmental Services  
Department of Finance and Administration  
1515 W. 7th 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  
Single Point of Contact  
Office of the Budget  
540 S. Dupont Hwy.  
Suite 5  
Dover, DE 19901  
Phone 302 739-3326  
Fax 302 739-5661

### DISTRICT OF COLUMBIA

Mr. Charles E. Nichols  
State Single Point of Contact  
Ofc. of Grants Mgmt. & Dev.  
717 14th Street, NW, Suite 400  
Washington, DC 20005  
Phone 202 727-6537  
Fax 202 727-1617

### FLORIDA

Cherie L. Trainor  
Florida State Clearinghouse  
Department of Community Affairs  
2555 Shumard Oak Boulevard  
Tallahassee, FL 32399-2100  
Phone 850 414-5495  
Fax 850 414-0479

### GEORGIA

Debra S. Stephens, Administrator  
Georgia State Clearinghouse  
270 Washington Street, SW, Rm. 710  
Marietta, GA 30067  
Phone 404 656-3855  
Fax 404 656-7901

### ILLINOIS

Ms. Virginia Bova  
State Single Point of Contact  
Dept. of Commerce & Community Aff.  
James R. Thompson Center  
100 West Randolph, Suite 3-400  
Chicago, IL  
Phone 312 814-6028  
Fax 312 814-1800

**INDIANA**

Ms. Frances E. Williams  
State Budget Agency  
212 State House  
Indianapolis, IN 46204-2796  
Phone 317 232-2972  
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 515 242-4859

**KENTUCKY**

Kevin J. Goldsmith  
Office of the Governor  
Intergovernmental Affairs  
700 Capitol Avenue  
Frankfort, KY 40601-8204  
Phone 502 564-2611  
Fax 502 564-2849

**MAINE**

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

**MARYLAND**

Linda Janney, Manager  
Manager, Plan & Project Review  
Maryland Office of Planning  
301 W. Preston Street, Rm. 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  
550 High St.  
303 Walter Sillers Bldg.  
Jackson, MS 39201-3087  
Phone 601 359-6762  
Fax 601 359-6758

**MISSOURI**

Ms. Lois Pohl  
Federal Assistance Clearinghouse  
Office of Administration  
P.O. Box 809  
Room 915 Jefferson Bldg.  
Jefferson City, MO 65102  
Phone 314 751-4834  
Fax 314 522-4395

**NEVADA**

Heather Elliott  
Department of Administration  
State Clearinghouse  
209 E. Musser St., Room 220  
Carson City, NV 89710  
Phone 702 687-4065/6367  
Fax 702 687-3983

**NEW HAMPSHIRE**

Mr. Jeffery H. Taylor, Director  
New Hampshire Ofc. of State Planning  
Attn: Intergovernmental Review Process  
2 ½ Beacon Street  
Concord, NH 03301  
Phone 603 271-2155  
Fax 603 271-1728

**NEW MEXICO**

Nick Mandell  
Local Government Division  
Rm. 201 Bataan Memorial Bldg.  
Santa Fe, NM 87503  
Phone 505 827-3640  
Fax 505 827-4984

**NEW YORK**

New York State Clearinghouse  
Division of the Budget  
State Capitol  
Albany, NY 12224  
Phone 518 474-1605  
Fax 518 486-5617

**NORTH CAROLINA**

Jeanette Furney, Grants  
North Carolina State Clearinghouse  
Office of the Secretary of Admin.  
116 West Jones Street, Suite 5106  
Raleigh, NC 27603-8003  
Phone 919 733-7232  
Fax 919 733-9571

**NORTH DAKOTA**

North Dakota Single Point of Contact  
Office of Intergovernmental Assistance  
600 East Boulevard Avenue  
Bismarck, ND 58505-0170  
Phone 701 224-2094  
Fax 701 224-2308

**OHIO**

Ms. Linda Wise  
State Clearinghouse  
Office of Budget and Management  
30 East Broad Street, 34th Floor  
Columbus, OH 43266-0411  
Phone 614 466-0698  
Fax 614 466-5400

**RHODE ISLAND**

Mr. Kevin Nelson  
Department of Administration  
Office of Planning  
One Capitol Hill, 4th Floor  
Providence, RI 02908-5870  
Phone 401 222-2280  
Fax 401 222-2083

**SOUTH CAROLINA**

Mr. Rodney Grizzle  
State Single Point of Contact  
Budget and Control Board  
Office of State Budget  
1122 Ladies Street, 12th Floor  
Columbia, SC 29201  
Phone 803 734-0485  
Fax 803 734-0645

**TEXAS**

Mr. Tom Adams, Director  
Intergovernmental Coordination  
Governors Office  
P.O. Box 12428  
Austin, TX 78711-2428  
Phone 512 463-1771  
Fax 512 936-2681

**UTAH**

Ms. Carolyn Wright  
Utah State Clearinghouse  
Office of Planning and Budget  
State Capitol, Room 116  
Salt Lake City, UT 84114  
Phone 801 538-1027  
Fax 801 538-1547

**WEST VIRGINIA**

Mr. Fred Cutlip, Director  
Community Development Division  
West Virginia Development Office  
Building #6, Room 645  
Charleston, WV 25305  
Phone 304 558-0350  
Fax 304 558-0362

**WISCONSIN**

Mr. Jeff Smith, Section Chief  
Federal/State Relations Office  
Wisconsin Department of Administration  
101 East Wilson St., 6th Floor  
P.O. Box 7868  
Madison, WI 53707  
Phone 608 266-0267  
Fax 608 267-6931

**WYOMING**

Sandy Ross  
State Single Point of Contact  
Dept. of Administration and Information  
2001 Capitol Avenue, Rm 214  
Cheyenne, WY 82002  
Phone 307 777-5492  
Fax 307 632-3909

**GUAM**

Mr. Joseph Rivera, Acting Director  
Bureau of Budget & Management Research  
Office of the Governor  
P.O. Box 2950  
Agana, Guam 96932  
Phone 011-671-475-9411/9412  
Fax 011-671-472-2825

**PUERTO RICO**

Mr. Jose E. Caballero-Mercado  
Chairman  
Puerto Rico Planning Board  
Federal Proposals Review Office  
Minillas Government Center  
P.O. Box 41119  
San Juan, Puerto Rico 00940-1119  
Phone 787 727-4444 or 787 723-6190  
Fax 787 724-3270

**NORTHERN MARIANA ISLANDS**

Jacob T. Seman  
Federal Programs Coordinator  
State Single Point of Contact  
Planning and Budget Office  
Office of the Governor  
Saipan, MP 96950  
Phone 670 664-2289  
Fax 670 664-2272

**VIRGIN ISLANDS**

Daisey Millen  
Office of Management & Budget  
#41 Norregade Emancipation  
Garden Station  
Second Floor  
Saint Thomas, Virgin Islands 00802  
Phone 809 774-0750  
Fax 809 776-0069

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

### **REGION 1**

#### **FISCAL YEAR 1995**

##### **BOWDOIN STREET HEALTH CENTER**

**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/autobody and laundry/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/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.

##### **DEPARTMENT OF HEALTH AND HOSPITALS**

**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 purposes 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.

##### **NEWMOA**

**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 business. 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 multi-media 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 will also establish links between state/regional P2 programs and community organizations, creating a forum for these programs to share information.

##### **PEER PARTNERSHIPS, INC.**

**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 micro-businesses 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 micro-enterprise 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 micro-businesses 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**

**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, which 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.

#### **WASTE WATCH CENTER**

**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.

#### **FISCAL YEAR 1996**

#### **CONSERVATION LAW FOUNDATION**

**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.

#### **FISCAL YEAR 1997**

##### **ANDROSCOGGIN VALLEY COUNCIL OF GOVERNMENTS**

**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-yourselfers." 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-yourselfers and auto repair facilities.

##### **COMMUNITY ACTION AGENCY OF SOMERVILLE**

**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**

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

Neighborhood Against Urban Pollution (NAUP) is a coalition of organizations in Boston, Massachusetts 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; 3) conduct the Urban Transportation Pollution Prevention Awareness Project, and conducting the Pollution Prevention Education Module.

##### **TELLUS INSTITUTE**

**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 process of 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.

#### **FISCAL YEAR 1998**

##### **ANDROSCOGGIN VALLEY COUNCIL OF GOVERNMENTS**

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

Androscoggin Valley Council of Governments is a regional planning and economic development agency that has teamed up with three local organizations to promote P2 in EJ communities. The three partner organizations are Oxford County Soil and Water Conservation District, Oxford Hills Technical School, and Little Androscoggin P2 Team. The project will develop a model for outreach efforts to be initiated by the state and federal EJ areas. The model will create access to P2 information and assistance for small businesses. The primary focus is to reduce potential sources of contamination in surface and ground water.

**COMMUNITY ACTION AGENCY OF SOMERVILLE, INC.****Grant Award: \$100,000**

The Community Action Agency of Somerville (CAAS), a private nonprofit agency incorporated in 1981, is a legally designated antipoverty agency seeking to represent all low-income and diverse residents of Somerville, Massachusetts. The project will teach P2 skills to eight Haitian and eight Hispanic youths and train them to conduct outreach in low-income immigrant neighborhoods suffering from automotive and household-generated pollution. The primary project goals are to reduce the quantity and toxicity of automotive and household waste and to foster environmental leadership and increased awareness in the target community by teaching P2 skills to youth outreach leaders.

**KEEP PROVIDENCE BEAUTIFUL, INC.****Grant Award: \$20,000**

Keep Providence Beautiful (KPB) is a nonprofit organization that educates the community about environmental issues and proactively engages all residents in its community-based activities. KPB is largely concerned with educating people in the target community (low-income households) on reducing household waste, recycling, and properly disposing of paint and motor oil. This year, KPB established an after-school program, the E-Club, which is an employed group of students, aged 14 to 18, who assist KPB. The E-Club was formed by the merger of the Adopt-a-block Community Garden Program and the Green Team program. Green Team members assist KPB in litter cleanups and the planting program. The KPB project is designed to augment the E-Club activities by connecting education with action in the home. Six E-Clubs will utilize half of their program time to identify the barriers to P2, create solutions, and implement these activities.

**ONE/CHANE****Grant Award: \$75,000**

ONE/CHANE is a nonprofit organization whose membership is comprised of residents from the two poorest neighborhoods in the City of Hartford, Connecticut. The organization's mission is to rebuild North Hartford. The project is designed to reduce the adverse health effects of Hartford residents' disproportionate exposure to air toxins produced by the trash incinerator in Hartford. The P2 project will help industry develop plans and implement policies designed to reduce the use of toxic substances and their disposal into the waste streams.

**THE FOOD PROJECT****Grant Award: \$100,000**

The Food Project, founded in 1991 as a 3-year, self-funded pilot project of the Massachusetts Audubon Society, was based on the vision of developing environmental stewardship in Boston-area youth by bringing them together during summer programs to grow and distribute food for the hungry. The Food Project has since grown into a nationally recognized, independent nonprofit organization that offers innovative year-round employment, leadership development, and service programs for youth. Urban and suburban youth, from ages 14 to 24, cultivate formally vacant urban lots in Roxbury and conservation land in rural Lincoln. The Food Project's Urban Organic Growing Initiative will enable urban and suburban youth, who farm together in inner city Boston and Lincoln, to compare land management histories and techniques, learn P2 practices associated with sustainable agriculture, explore integrated pest management strategies and use this knowledge to revitalize neighborhoods.

**REGION 2****FISCAL YEAR 1995****AMERICAN LUNG ASSOCIATION OF MID-NEW YORK: YOU CAN CONTROL ASTHMA  
EDUCATIONAL PROGRAM****Grant Award: \$15,000**

Asthma affects children disproportionately in African-American, inner city, and poor populations. Over the last six years, the number of cases of pediatric asthma has risen above 65 percent in the American Lung Association of Mid-New York's (ALAMNY's) service area. Several studies have concluded that the increase in prevalence and

severity of asthma is due, in part, to the heavy environmental tobacco smoke (ETS) exposure resulting from parental smoking. ALAMNY believes that this trend can be reversed by providing one-on-one asthma management education to both children and their families. ALAMNY will use a team approach to deliver "You Can Control Asthma"--a multicultural, low-literacy educational program--to 25 families and will make at least one home visit to assess the home environment. ALAMNY will compile information regarding each child's asthma and ETS exposure for six months before and at six month intervals for two years after the delivery of the program. In addition, a control group of 25 children, who will not receive any training, will be selected. If successful, this program can be delivered to at-risk children on an ongoing basis, with little or no outside financial support. In addition, ALAMNY will encourage and assist other communities to replicate this program.

**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 groundwater 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/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/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: 1) educate the community about pollution prevention; 2) identify the pollution problems at a

number of small businesses and provide technical and material support to remedy those problems; and 3) 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, 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.

**FISCAL YEAR 1996**

**WE ACT/NATURAL RESOURCES DEFENSE COUNCIL**

**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.

**FISCAL YEAR 1997**

**HARLEM ENVIRONMENTAL IMPACT PROJECT, INC.**

**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 to increase access to pollution prevention information by creating the Harlem Environmental Justice Web site; will 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 for Harlem residents and the business community on pollution prevention issues in English and Spanish.

**COUNCIL ON THE ENVIRONMENT, INC.**

**Grant Award: \$ 99,997**

The Greenpoint Williamsburg Environmental Education project focuses on intermediate and high school students 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.

**HAUDENOSAUNEE ENVIRONMENTAL TASK FORCE**

**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**

**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**

**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, the NJCDC has designed the Paterson Pollution Prevention Program. Through 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.

## **FISCAL YEAR 1998**

### **CITIZENS' ENVIRONMENTAL COALITION: HEALTHY SCHOOLS' GUIDE TO SCHOOL CUSTODIAL SUPPLIES**

**Grant Award: \$ 29,455**

In conjunction with the New York State Superintendents of School Buildings and Grounds Association (SOBG), the Healthy Schools Network (HSN) will research, develop, and publish the *Guide to Healthier Custodial Products*, drawing on recognized P2 resources and the experience of selected school facility directors who use less polluting products. The guide will be mailed in early summer 1999, to coincide with the time when schools do bulk purchasing. Training will be offered at SOBG's annual meeting and technical assistance will be offered at 6 to 20 schools with predominantly low-income and minority students.

### **COUNCIL ON THE ENVIRONMENT, INC.: GREENPOINT AND WILLIAMSBURG ENVIRONMENTAL EDUCATION PROJECT 1998 TO 1999**

**Grant Award: \$ 86,091**

Council on the Environment will continue the Training Student Organizers Program for intermediate and high school students in Greenpoint and Williamsburg Brooklyn. Specifically, 600 to 700 students will work in two areas, industrial and household toxic use reduction, and energy and water conservation. Students will measure the amount of water and energy they conserve and the amount of reduction in the use of toxic materials at home. In addition, they will work on other P2 activities, such as solar collector construction and demonstration, the development of public service announcements, and the creation of an alternative fuel and efficient fuel campaign.

### **LA CASA DE DON PEDRO, INC.: THE COMPUTERS FOR COMMUNITY DEVELOPMENT INITIATIVE**

**Grant Award: \$ 86,000**

This project, which is in collaboration with Technology Concepts Group, Inc., and Rutgers University, is designed to create jobs for welfare recipients, minimize hazardous waste generation, and maximize the reuse and recycling of computers through the creation of a used computer donation, remanufacturing, and resale program in Newark. This program will market high-quality refurbished computers at low cost to small businesses, local residents, students, and organizations promoting economic development, EJ, and P2.

### **RESEARCH FOUNDATION OF CUNY/MEDGAR EVERS COLLEGE: PREVENTING MERCURY POLLUTION FROM MAGICO-RELIGIOUS USES**

**Grant Award: \$ 82,454**

This program will address the pollution problem caused by the use of mercury for magico-religious purposes by the Caribbean population in Sunset Park and Crown Heights. Botanicas sell the mercury in capsules for sprinkling in households, burning in candles, and placing in perfume. Ritual uses also include ingestion by children and infants, as well as by adults. The mercury also is often disposed of in an unregulated manner. CUNY is collecting data to establish the health risks associated with domestic mercury use and to drive regulatory efforts. This research involves mercury vapor readings and clinical exams, in conjunction with the Caribbean Women's Health Association and Lutheran Medical Center, of residents suspected of mercury exposure. CUNY also proposes to hold focus groups and workshops to foster dialogue between residents and health care providers. Findings would be presented to mercury users and ritual leaders who prescribe mercury use. Alternatives to mercury also would be researched with religious leaders. Reductions in mercury sales by botanicas will be determined from surveys, as will the presence of warning labels. Quantities of mercury brought to collection sites for recycling also will be documented.

### **WORK ENVIRONMENT COUNCIL OF NEW JERSEY: PREVENTING TOXIC AIR RELEASES IN MIDDLESEX AND UNION COUNTIES, NEW JERSEY**

**Grant Award: \$ 86,000**

In cooperation with the Metuchen and Edison Branch of the NAACP, Work Environment Council of New Jersey (WEC) will train at least 25 community leaders to educate and organize residents on P2 issues. The partners also

will be working with labor, management, and public agencies to develop Good Neighbor Agreements to prevent pollution at specific facilities.

### **REGION 3**

#### **FISCAL YEAR 1995**

##### **ALICE HAMILTON OCCUPATIONAL HEALTH CENTER SMALL BUSINESS AND COMMUNITY P2 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: 1) series of environmental health promotions and training for community members and small business employees; 2) provide small business and the community with technical assistance in dealing with environmental health issues and P2 solutions and; 3) in-depth assistance for small businesses identified by the grantee.

##### **DELAWARE VALLEY CITIZENS' COUNCIL FOR CLEAN AIR: P2 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: 1) establishing waste reduction information and technical assistance center; 2) developing a community-based task force to oversee waste reduction strategies; 3) assisting businesses, institutions, and residents with the development and implementation of waste reduction strategies; 4) creating an effective media campaign to promote these communities' efforts; and 5) 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: 1) establishing a two-year pilot Adopt-a-Watershed Program; 2) providing training and support to educators on watershed planning and management; 3) increasing the number of teachers who offer natural resource and water quality studies as part of their curriculum; 4) improving the IBI rating of six watersheds; 5) increasing the voluntary installation of AG BMPs in the adopted watershed.

##### **PAINTERS AND ALLIED TRADES LABOR MANAGEMENT COOPERATION FUND: EJ AND P2 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 four-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 six-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: EJ 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's participation in the cleanup of the Anacostia River.

**FISCAL YEAR 1996**

**DELAWARE VALLEY CITIZENS' COUNCIL FOR CLEAN AIR**

**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.

**FISCAL YEAR 1997**

**ELIZABETH RIVER 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**

**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****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****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.

**FISCAL YEAR 1998****ELIZABETH RIVER PROJECT: RIVER STARS, PHASE II MOTIVATING BUSINESS TO ACHIEVE A CLEANER RIVER****Grant Award: 81,914**

This project builds upon the work and success of last year's EJP2 project. This program will train volunteers to provide onsite assistance to businesses in low-income and minority communities.

**HAMPTON ROADS PLANNING DISTRICT COMMISSION: HAMPTON ROADS WATER EFFICIENCY TEAM REGIONAL RESIDENTIAL RETROFIT PROGRAM****Grant Award: \$100,000**

This project provides for residential water conservation retrofits to be conducted in low-income, minority neighborhoods within two of the region's localities. The project is a partnership among the region's localities, the Hampton Roads Planning District Commission (HRPDC), the Hampton Roads Sanitation District, and several private cooperators. It is part of a comprehensive regional water conservation program, which includes education, awards for business and industry, and demonstration projects. This project will address the needs of individual citizens, while enabling the region to demonstrate the effectiveness of water conservation activities.

**METROPOLITAN WASHINGTON COUNCIL OF GOVERNMENTS: P2 GOES TO SCHOOL****Grant Award: \$89,814**

This project is a partnership between Metropolitan Washington Council of Governments (MWCOC) and four junior and senior high schools in the Washington, DC area. Students will receive instruction on watershed pollution, their role and responsibility in protecting the environment, and the role that P2 plays in reducing pollutants. Students will then take those concepts and actively work with teachers and outside resource personnel to develop a P2 audit and process for their schools. Students will conduct a P2 school audit and quantify the associated pollutant reductions and cost benefits resulting from each recommended action. An audit and recommendations report will be presented to the school administration for adoption. A follow up workshop for the participating schools will be held to exchange experiences and to document processes for transfer to other schools.

**THE AMERICA WORKS PARTNERSHIP: WORKING TOGETHER FOR JOBS—EJP2 PROGRAM IN CONSTRUCTION FOR PUBLIC HOUSING RESIDENTS IN PHILADELPHIA**

**Grant Award: \$98,245**

The America Works Partnership (AWP) will build on the success of similar projects in Chicago and Oakland by providing basic P2 training and education for local public housing residents, housing authority management, and private contractors. This program also will be extended to the Philadelphia Housing Authority (PHA). The project will add P2 training for 100 PHA preapprentice residents.

**REGION 4**

**FISCAL YEAR 1995**

**BROWARD COUNTY DEPARTMENT OF NATURAL RESOURCES: ENVIRONMENTAL JUSTICE THROUGH POLLUTION PREVENTION IN BROWARD COUNTY, FL** 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 non-white. 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.

**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 groundwater 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 groundwater model that will result from the project will be a reference for all groundwater 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 groundwater. 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, on-site 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 groundwater drinking water supplies and surface water resources. The objectives of the program are to help residents of the targeted counties who depend on groundwater as a drinking water source to assess potential sources of contamination at farmsteads or homes and reduce these risks. Practices adopted to protect groundwater 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**

**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: 1) develop an agriculture pollution prevention plan and strategy for the Poarch Community area; 2) conduct a demonstration of agriculture pollution prevention measures or BMPs; 3) include in demonstrations measures or BMPs that are innovative but economically feasible; and 4) involve the whole community in all phases of the project.

**SOUTHFACE ENERGY INSTITUTE**

**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 non-regulatory means how low-income communities dependent on groundwater can use pollution prevention to lower the risk of contamination. The primary non-regulatory 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: 1) 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 2) an immediate reduction of risk to the communities directly served during this three-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.

**FISCAL YEAR 1996**

**UNIVERSITY OF LOUISVILLE**

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 will also bring the needed expertise to the community to incorporate pollution prevention as the preferred strategy of addressing environmental problems.

**FISCAL YEAR 1997**

**ESCAMBIA COUNTY FLORIDA**

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.**

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 and 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****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 communitywide 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 communitywide pollution prevention. Tribal members will be involved in data collection and interpretation, recommendation development, and oversight efforts.

**BIRMINGHAM ENVIRONMENTAL CLEARINGHOUSE****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****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.

**UNIVERSITY OF NORTH CAROLINA - CONTINUED FUNDING FROM FY 1996 CYCLE****Grant Award: \$ 29,095****FISCAL YEAR 1998****APPALACHIA SCIENCE IN THE PUBLIC INTEREST: PROMOTING COMMUNITY-BASED P2 IN CENTRAL APPALACHIA****Grant Award: \$70,000**

Central Appalachia is a region historically afflicted with high rates of poverty and unemployment; burdened with the residual environmental damages left by decades of coal mining, oil and gas field development, and unsustainable forestry practices; and lacking sanitary and public water supply infrastructure. This educational and outreach project will produce 40 weekly television programs devoted to P2. These programs will be aired during a prime timeslot and be known as the "Earth Healing Show." The project also will fund an existing outreach program to teachers and students in central Appalachian schools that exposes them to P2 concepts, practices, and benefits.

**CENTER FOR ENVIRONMENTAL POLICY, UNIVERSITY OF SOUTH CAROLINA: P2 TECHNICAL ASSISTANCE IN THE NORTH CHARLESTON AREA**  
**Grant Award: \$99,938**

This project is designed to provide targeted P2 technical assistance to small businesses in five minority communities located primarily in the North Charleston, South Carolina, area. The project will canvass small businesses in the delineated areas, identify high-impact areas and technical assistance opportunities, develop and distribute targeted mailings and initiate neighborhood meetings to inform residents of the program, and provide onsite P2 assessments. These efforts will be implemented by the South Carolina Environmental Network (SCEN), which is coordinated by the Center for Environmental Policy at the University of South Carolina. SCEN is a technical assistance network comprised of three state universities, seven community colleges, and a number of state agencies and private organizations.

**CITY OF MIAMI, FLORIDA: P2 FOR THE ALLAPATTAH PRODUCE MARKET**  
**Grant Award: \$77,134**

The Allapattah Produce Market is an area of independent produce merchants located north of downtown Miami. Solid waste of all types, particularly waste produce, is illegally dumped into the Upper Wagner Creek. Much of the illegal dumping of discarded produce results from the long-standing practice of paying temporary employees in produce rather than cash. The project's main component is the implementation of an education and outreach workshop series targeted at produce merchants who have been cited for environmental or code violations. The workshop series will focus on best management practices for the disposal of organic wastes, appropriate recycling and packaging, the proper disposal of pallets, stormwater and nonpoint source P2, and monitoring and compliance issues. Additionally, a pilot program will employ homeless persons in the area to assist in cleaning the watershed of discarded produce and solid waste.

**FLORIDA INSTITUTE OF RESEARCH, SCIENCE, AND TECHNOLOGY: NORTHEAST FLORIDA P2 INITIATIVES FOR MINORITY-OWNED SMALL BUSINESSES**  
**Grant Award: \$100,000**

This project intends to identify and educate targeted small business owners and operators, in the Jacksonville, Florida, metropolitan area, about the benefits of P2 and provide them with multimedia technical assistance and training. Special efforts will be made to assist owners/operators in the Hispanic and Korean communities, where access to P2 technical assistance is hampered by language and cultural barriers. The project will establish a local clearinghouse and information center to serve the EJ communities of north Florida; provide P2 technical assistance through the establishment of hotlines, database searches, and Internet access upon request; and offer followup consultation to small businesses during their implementation of P2 recommendations. These businesses must contact the Florida Institute of Research, Science, and Technology (FIRST) to receive consultation services.

**REGION 5**

**FISCAL YEAR 1995**

**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 non-native people on the threat of mercury pollution; 2) disseminate information to native and non-native 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 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 EJP2  
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: P2: PROMOTING EJ 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: 1) 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; 2) develop an education program that will introduce tribal members to wind power as a viable alternative to current practices; 3) 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.: EJ: PROTECTING PEOPLE THROUGH  
PESTICIDES P2**

**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.

## **FISCAL YEAR 1996**

### **CITIZENS FOR A BETTER ENVIRONMENT**

**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.

## **FISCAL YEAR 1997**

### **RIVERS UNLIMITED MILL CREEK RESTORATION PROJECT**

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

This project is designed to incorporate pollution prevention into a communitywide 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**

**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** **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**

**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, 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**

**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.

#### **FISCAL YEAR 1998**

#### **CITIZENS FOR A BETTER ENVIRONMENT: PREVENTING POLLUTION IN CHICAGO COMMUNITIES OF COLOR THROUGH PARTICIPATION IN THE DEVELOPMENT OF RISK MANAGEMENT PLANS**

**Grant Award: \$74,000**

The Clean Air Act requires certain companies to develop risk management plans (RMPs) that detail worst-case scenarios for chemical accidents and outline the measures in place to prevent them. Citizens for a Better Environment (CBE) will work with the Southeast Environmental Task Force and the Little Village Environmental Justice Organization to provide a positive framework for low-income and minority residents to work with industry on the development of these RMPs and to ensure that P2 is incorporated into the RMP planning process. The project will identify companies subject to the RMP process, provide information about the chemicals in use, work with communities to prioritize facilities for review of plans, research and provide technical assistance on P2 alternatives that reduce dangerous substance usage, and advise citizens on their involvement in the RMP process. This project supports the goals of the Greater Chicago P2 Project.

#### **ECOLOGY CENTER OF ANN ARBOR: P2 IN THE HEALTH CARE INDUSTRY**

**Grant Award: \$58,000**

The Ecology Center will work in partnership with the Michigan Hospital Association and community groups to promote P2 in the health care industry. The center will work directly with hospitals to reduce the use and release of

toxics. The project will focus on mercury reduction and will support the objectives of the Binational Toxics Reduction Strategy.

**INDUSTRIAL TECHNOLOGY INSTITUTE: LEVERAGING THE NIST/MEP SYSTEM TO PROVIDE P2 TECHNICAL ASSISTANCE TO MANUFACTURERS IN LOW-INCOME AREAS**

**Grant Award: \$89,913**

The Industrial Technology Institute (ITI) will conduct 15 P2 assessments for manufacturers in Detroit's empowerment zone using the Manufacturing Assessment Planner (MAP) Tool as a guide. ITI also will modify MAP for distribution throughout the manufacturing extension partnership system for field agents to use with manufacturers in low-income areas. ITI technical staff will provide onsite technical assistance to manufacturers by focusing on identifying, proposing, and implementing source reduction, energy efficiency, and the replacement and reduction of hazardous chemicals. ITI will pull together a stakeholder's group consisting of industry, economic development organizations, nonprofits, and environmental grassroots organizations to promote acceptance in the community and disseminate project information.

**LAWNDALE BUSINESS & LOCAL DEVELOPMENT CORPORATION: LAWNDALE NEIGHBORHOOD P2 INITIATIVE**

**Grant Award: \$88,000**

The Lawndale Business & Local Development Corporation (LLBDC) will work with the community and industrial sector in an effort to reduce the impact of industrial waste generation on the Lawndale community. The primary objective of this 1-year project is to reduce environmental and human health risks through the reduction of wastes. LLBDC, in collaboration with the Illinois Waste Management and Research Center, will provide technical assistance to manufacturers in reducing waste generation and multimedia emissions of wastes. This technical assistance will incorporate the promotion of existing programs (e.g. WasteWise, Green Lights), P2 opportunity business assessments, and pilot projects at select facilities demonstrating P2 techniques.

**REUSE INDUSTRIES: SUSTAINABLE REUSE CENTER FOR WASTE REDUCTION**

**Grant Award: \$60,000**

Reuse Industries operates a not-for-profit reuse center, in the Appalachian area of southeast Ohio, to collect, repair, store, and sell reusable materials diverted from the waste stream. This project plans to make this center sustainable. Reuse industries also will work with local companies to help them reduce waste at the source.

**REGION 6**

**FISCAL YEAR 1995**

**BILL J. PRIEST INSTITUTE FOR ECONOMIC DEVELOPMENT TECHNOLOGY ASSISTANCE CENTER: P2 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: EJP2 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 P2 PROGRAM**

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

The EJ issue addressed in the proposed project concerns the effect 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: EJ 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 effect 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**

**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.

**FISCAL YEAR 1996**

**NATIONAL CENTER FOR APPROPRIATE TECHNOLOGY**

**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.

**FISCAL YEAR 1997**

**CENTRAL ARKANSAS REGIONAL SOLID WASTE MANAGEMENT DISTRICT**

**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: SWEET CENTER, 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****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.

**FISCAL YEAR 1998****CITY OF BROWNSVILLE: YARD WASTE SOURCE REDUCTION****Grant Award: \$63,106**

The City of Brownsville's centralized composting facility is prompting a community effort to prevent pollution and reduce yard and garden waste in this high-growth tropical area. In the Rio Grande Valley area, 43 percent of the population are below the poverty line and 90 percent are Hispanic. The area's rapid growth is quickly filling landfill space. This project will educate citizens about the beneficial results of backyard composting, which reduces the amount of yard and garden waste being buried in the landfill. This project will include workshops and outreach activities for students to illustrate the need to reduce the solid waste stream and a Master Composters certification program that will reach even more Valley citizens.

**CITY OF LAREDO: PROPOSAL FOR THREE HOUSEHOLD HAZARDOUS WASTE COLLECTION EVENTS****Grant Award: \$75,000**

Nearly half of all the households in Laredo have a mean annual income of less than \$16,404 per year. As with most other low-income communities, Laredo has a problem with the general handling, storage, and proper disposal of household hazardous waste. This places a strain on the environment and on municipal solid waste and water treatment facilities, and also exposes the community to hazardous materials. The project will address the three main roots of the problem: lack of awareness, lack of education, and apathy. The project should result in a cleaner and safer environment with marked reductions in hazardous waste throughout the immediate environment. Planned collection events are structured to encourage the entire community, with an emphasis on EJ communities, to drop off hazardous waste. Events also will educate the citizens about the importance of recycling and proper disposal of household hazardous waste. The projects multimedia approach will provide education, outreach, and technical assistance in P2 to the community at large. This project's objectives are to reduce and prevent household hazardous waste from being improperly dumped into the sanitary stormwater sewer system, reduce accumulations of dangerous hazardous materials in households, reduce and eliminate potentially lethal household exposures and poisoning, provide instruction on proper handling, disposal, and recycling of household hazardous waste, and promote the use of alternative, less toxic household products.

**MULTIMEDIA TECHNICAL ASSISTANCE AND COUNSELING ON ENVIRONMENTAL COMMUNITY ISSUES TO SMALL BUSINESSES****Grant Award: \$99,619**

The North Texas Small Business Development Center's Environmental Assistance Program (EAP) is located at the Bill J. Priest Institute for Economic Development, a division of the Dallas County Community College District. EAP will focus on a minority, low-income area in Dallas, which has a population that exceeds 500,000, is approximately 50 percent African-American and 24 percent Hispanic, and houses more than 16,000 businesses with more than 221,000 employees. EAP, Dallas residents, small business organizations, a community-based financial organization, and P2 technical experts will join forces to provide training and counseling to small businesses on P2 practices through community workshops, seminars, plant tours of community businesses with P2 programs, and

speeches from P2 service providers. Businesses will be provided with technical assistance and training in pollution reduction and the development of pollution reduction plans. Milestones and objectives will be established to measure the success of institutionalizing P2 practices within the EJ area.

**P2 PROGRAM: APACHE TRIBE OF OKLAHOMA**

**Grant Award: \$14,106**

The Apache Tribe's Environmental Program is currently developing a Comprehensive Environmental Education Program within the local Indian and Non-Indian communities located in the tricounty area of Caddo, Kiowa, and Comanche. The Apache tribe plans to use staff and volunteers to provide the rural Indian communities with training and education opportunities on implementing cost-effective P2 principles. This program will use the P2 program to develop a library of P2 educational resources that volunteers and staff can use for community instruction, provide training to volunteers and staff on the use of existing resources, hold workshops for communities to promote P2, and develop P2 resources for volunteer use in community meetings.

**P2 THROUGH EDUCATION: AN OPEN DUMPING ABATEMENT**

**Grant Award: \$40,275**

This project targets almost 1.5 million people, many of whom are low-income American Indian or other minorities living in rural, northeast Oklahoma. A lack of education and widespread impoverishment are serious problems within this 14-county region, where open dumping is rampant. The Solid Waste Research Institute (SWRI) will organize and conduct community workshops to educate low-income and minority residents about the adverse effects open dumping has on the environment and human health. Appropriate education materials will be developed to enhance public understanding of the hazards associated with this activity and promote the selection of more responsible disposal options. In addition, SWRI will solicit interest in, and assist community volunteers with, planning and implementing communitywide waste collection, recycling, and clean-up projects as a means of promoting P2 and reducing illegal roadside dumping.

**THE GREEN PROJECT**

**Grant Award: \$88,000**

New Orleans has a predominately African-American population and a statistically high proportion of families residing in below-poverty households. Additionally, the area's high rates of cancer and other medical conditions are attributed to local environmental causes. The Green Project serves the New Orleans metropolitan area by providing materials exchange programs that capture reusable materials headed for landfills and effectively place them back into the community; this benefits low-income citizens by providing affordable and appropriate materials for home-improvement and neighborhood beautification. The approach used by The Green Project to address environmental issues is based on three philosophies: empowerment, intervention, and resourcefulness.

**REGION 7**

**FISCAL YEAR 1995**

**ARKANSAS INSTITUTE FOR SOCIAL JUSTICE**

**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 obtain 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 effects 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 to find and implement P2 in waste streams most likely to impact the environmental health of the affected communities.

**METROPOLITAN ENERGY CENTER: EJ 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 proposes to bring its School Energy Efficiency Development (SEED) program to the St. Louis Public School District in 1996/96. 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.

**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: 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 P2 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 technique, and creating small business alliances in which additional, more specific P2 methods will be delivered directly to target businesses.

**FISCAL YEAR 1996**

**METROPOLITAN ENERGY CENTER**

**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 that will result in a sustainable community.

#### **FISCAL YEAR 1997**

##### **UNIVERSITY OF NORTHERN IOWA**

**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**

**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**

**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**

**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**

**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.

#### **FISCAL YEAR 1998**

##### **GREAT RIVERS ALLIANCE OF NATURAL RESOURCE DISTRICTS (GRAND): NORTH LILBOURN REVITALIZATION THROUGH EDUCATION, ENERGY EFFICIENCY, AND POLLUTION PREVENTION**

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

This project will improve the lives of citizens in the Village of North Lilbourn through education and capacity building by working with partner organizations to implement energy conservation and pollution prevention measures. The project features workshops and the development of an asset inventory and a comprehensive community plan. It also will demonstrate to citizens the benefits of utilizing pollution prevention and energy conservation farming techniques and how farming practices impact rural communities.

##### **HASKELL INDIAN NATIONS UNIVERSITY: SOURCE REDUCTION FOR INTEGRATED PEST MANAGEMENT**

**Grant Award: \$87,425**

This project is a pollution prevention project aimed at the reduction of the use of agriculture pesticides that have a negative effect on the environment. The project will provide public education, training for both Indian and non-Indian land managers, and demonstrations of several strategies for integrated pest control.

##### **METROPOLITAN ENERGY CENTER: BUILDING SUSTAINABLE NEIGHBORHOODS PROPOSAL**

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

The Metropolitan Energy Center, in cooperation with community stakeholders and other partners, will address environmental justice issues through specific pollution prevention activities on a neighborhood by neighborhood basis. The project will develop and enhance a public bus service, design a multipurpose trail system to connect residents to activity centers within their community, expand energy efficiency and pollution prevention educational activities in businesses and residences, and begin a "clean and healthy community" initiative.

##### **SANTEE SIOUX TRIBE OF NEBRASKA: DEVELOPMENT OF A SOURCE WATER PROTECTION PROGRAM WITHIN THE RESERVATION OF THE SANTEE SIOUX TRIBE OF NEBRASKA**

**Grant Award: \$99,803**

This project will develop a Source Water Protection Plan (SWPP) for the public water supplies within the Reservation. It also will utilize the SWPP as a method to provide environmental and pollution prevention training and education to a variety of people within the Reservation. Employees of the Land and Environmental Protection Office of the Santee Sioux Tribe, students attending the Santee Sioux Tribal College, and citizens of the Reservation will participate in the committee process during development of the SWPP.

#### **REGION 8**

#### **FISCAL YEAR 1995**

##### **DENVER URBAN GARDENS: SUSTAINABLE URBAN GARDENS—A P2 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.

**GRAND JUNCTION ENERGY OFFICE—RIVERSIDE TASK FORCE: EJP2**

**Grant Award: \$55,000**

The Riverside community is a low-income, predominantly Chicano community located next to the Colorado River. It has historically been subject to a broad range of pollution hazards mainly associated with a drum reconditioning and manufacturing company located in the area for more than 30 years. Recently the Riverside Task Force, first formed in September 1993, proposed to convert an old school building into a community education center. The school district has agreed to sign the building over to the Riverside community as part of a district-wide pilot program. This grant proposes to make the building energy efficient and to use it as a model to demonstrate effective conservation methods. The task force will publicize the weatherization process and the results both in terms of energy conservation and cost savings. A minimum of 10 tours of the building will be offered. An "Energy Excellence Room" will be dedicated to classes and workshops that provide citizens with the information necessary to make sound environmental choices. The task force will offer a series of classes on weatherizing the home, consumer purchases that reduce household waste and save money, etc. Community members will also be trained to lead classes in both English and Spanish.

**MONTANA STATE UNIVERSITY EXTENSION SERVICE: MONTANA TRIBAL P2 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: EJP2 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**

**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.

**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 P2**

**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 groundwater vulnerability through GIS.

**TRI-COUNTY HEALTH DEPARTMENT: EJP2**

**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: P2 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 the 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—P2 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 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 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.

**FISCAL YEAR 1996**

**NORTHEAST DENVER HOUSING CENTER, INC.**

**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.

## **FISCAL YEAR 1997**

### **NATIONAL ASSOCIATION OF BLACK ENVIRONMENTALISTS**

**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/MP2 POLLUTION COMMITTEE**

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

The Town of Meeker and the Meeker Pollution Prevention Committee have organized a partnership of communitywide 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 business with the Meeker Chamber of Commerce using instructors from the Western Slope Pollution Prevention Program and/or industry specialists, coordinate the establishment of a communitywide 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**

**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**

**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**

**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.



## **FISCAL YEAR 1998**

### **CHIPPEWA CREE BUSINESS COMMITTEE**

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

This project provides public information and technical assistance on P2 and related environmental protection issues through a citizen-involvement approach. The approach includes education through workshops, onsite technical assistance, classroom presentations, promotion of traditional values on environmental protection, and involvement and outreach to citizens. This project also promotes ongoing cultural partnerships and will demonstrate the effectiveness of tribal environmental protection awareness.

### **CLEAN WATER FUND**

**Grant Award: \$91,000**

This project, a collaborative effort between the Clean Water Fund (CWF), the Institute for Agriculture & Trade Policy (IATP), and the Organic Alliance, will establish partnerships with North Dakota sugarbeet growers to develop an environmental and social certification system for organic and conventional farming. Many of the pesticide-related illnesses plaguing farm laborers could be avoided through reduced onsite pesticide use and increased pesticide safety training and education. This project will create an interdisciplinary planning process to explore the economic and environmental benefits of implementing alternative, reduced chemical agronomic practices. The project also will provide direct training for farmers, farm workers, Hispanic community leaders, and migrant service agency staff about relevant worker safety laws and the detection, assessment, and prevention of exposures to pesticides and other agricultural health hazards.

### **CROSS COMMUNITY COALITION**

**Grant Award: \$88,510**

This project will recruit 10 to 12 youths from the communities of Elyria, Swansea, and Globeville, for the P2 Youth Corps. Supervised and trained by a P2 coordinator, the Youth Corps will consist of three components: the youth education campaign, which focuses on educating the Corps on EJP2; the community education campaign, which allows the youths to present their new knowledge to the community through workshops; and the P2 action steps, which promote the reduction of household exposure to and use of pollutant chemicals and the reduction of pollutants in storm drain runoff. This project will increase the youths' capacity to become agents for positive social change and will enhance the long-term environmental health and safety of these communities.

### **SALISH KOOTENAI COLLEGE**

**Grant Award: \$56,860**

One of the best methods of reducing sediment and associated chemical pollution is revegetation with native plants. This project will establish a native plant nursery at Salish Kootenai College on the Flathead Indian Reservation. Native plants grown in the nursery will be made available to the Confederated Salish and Kootenai Tribes, other tribes and land management agencies, and any others involved in conservation and restoration efforts both locally and throughout the region.

## **REGION 9**

## **FISCAL YEAR 1995**

### **CITY OF NOGALES, AZ: USE OF P2 TO ADDRESS EJ 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: EJ THROUGH TECHNICAL ASSISTANCE IN P2, 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 groundwater and air pollution; over the last decade, the city has faced a disproportionate share of health problems arising from groundwater 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: PROGRAM FOR EMERGING LEADERS**

**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 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.

**FISCAL YEAR 1996**

**KOREAN YOUTH & COMMUNITY CENTER, INC.**

**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' business, but the environments that surround them as well.

**FISCAL YEAR 1997**

**ASSOCIATION FOR COMMUNITY BASED EDUCATION**

**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**

**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**

**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.**

**Grant Award: \$ 41,484**

Ecology Action will hold workshops on alternatives to dry-cleaning 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 WasteWise.

**LOCAL GOVERNMENT COMMISSION**

**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.

**FISCAL YEAR 1998**

**CITY OF TUCSON SOURCE REDUCTION AND WASTE MINIMIZATION PROGRAM FOR THE  
TUCSON ARTS WAREHOUSE DISTRICT COMMUNITY**

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

This project proposes a P2 program for the Warehouse Arts District of Tucson, Arizona. Seeking to reduce pollution threats to the nearby neighborhoods and the local aquifer from the use of toxic art materials, the project will target artists using the district's 114 art studios. P2 education efforts are expected to reach an audience of 300 to 600 artists who are predominantly local Latino and Native American residents.

**ECOLOGY ACTION WETCLEANING TECHNICAL ASSISTANCE PROGRAM FOR KOREAN  
AMERICAN DRYCLEANERS IN THE SAN FRANCISCO BAY AREA**

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

The wetcleaning project will encourage Northern Californian Korean American dry cleaners to integrate P2 practices into their operations and encourage conversion to wetcleaning. This grant builds on a prior EJP2 grant in Southern California to a different entity. The program consists of three key elements: a Peer Leadership Program aimed at reducing the use of toxic solvents and increasing the adoption of P2 techniques using a checklist of 87 items; the establishment of a Korean-owned 100 percent wetcleaning demo shop where other drycleaners can test-clean garments and receive expert advice; and the initiation of efforts to increase consumer awareness of and demand for wetcleaning.

**ENVIRONMENTAL HEALTH COALITION SAN DIEGO BAY SHIPYARDS P2 PROJECT**

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

This project will investigate P2 opportunities at the shipyards in San Diego Bay, California and analyze the shipyards' recalculations of toxic air emissions and health effects. It also will develop a standardized "per unit" measure of pollutants of greatest concern, advocate a system that estimates the different shipyard facilities' cumulative impacts on the nearby community, and work with national networks on military specifications to reduce toxics.

**SAN FRANCISCO CONSERVATION CORPS EDUCATION TODAY, LEADERSHIP TOMORROW -  
TRAINING SAN FRANCISCO YOUTH IN WATER P2**

**Grant Award: \$49,760**

This 2-year grant to the San Francisco Conservation Corps supports the San Francisco Baykeeper's StudentKeepers Water Pollution Prevention Program. The grant will engage high school students in monitoring and identifying

pollution sources. In addition, it will develop curriculum for teaching young people about water P2 in the target environmental justice communities of Vistacion Valley, Portrero Hill, the Mission, Bayview/Hunter's Point, and South of Market.

#### **TOHONO O'ODHAM NATION P2 PROGRAM FOR THE TOHONO O'ODHAM NATION**

**Grant Award: \$40,240**

The P2 Program for the Tohono O'odham will promote waste reduction through the inclusion of household hazardous waste alternative work as part of the Traditional Living Program, and the development of an environmental curriculum, "Teaching Trashcan," which features P2. The project also will raise community awareness of less toxic alternatives to household pesticides and cleaners and will encourage public purchases with reduced packaging (a form of solid waste source reduction).

#### **REGION 10**

#### **FISCAL YEAR 1995**

#### **AMERICAN LUNG ASSOCIATION: PARTNERSHIP FOR EJ—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) develop a relationship with the community; 2) identify neighborhood concerns; 3) conduct individual outreach; 4) develop mechanisms for ongoing involvement; 5) secure and train core volunteers; and 6) provide community education.

#### **CASCADIA REVOLVING FUND: MINORITY P2 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 EJP2****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 four-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 four-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 Hispanic, migrant and seasonal farmers, homeless, and 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 6) detailed written evaluation of the program and its success and/or failure.

**SPOKANE TRIBE****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 will also 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 P2 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: EJP2 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.

**FISCAL YEAR 1996****TULALIP TRIBES OF WASHINGTON****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**

##### **OREGON ENVIRONMENTAL COUNCIL**

**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**

**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**

**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**

**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 empowered to create a better future for themselves.

##### **COMMUNITY COALITION FOR ENVIRONMENTAL JUSTICE**

**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.



## **FISCAL YEAR 1998**

### **CHUGACHMIUT: ALASKA EJP2 PARTNERSHIP**

**Grant Award: \$99,857**

This partnership program between the State of Alaska and the Chugachmiut will ensure that ongoing environmental management capacity building efforts in Alaska Native communities reinforce the use of pollution control approaches and emphasize sustainable environmental solutions by identifying and implementing P2 strategies. The program will incorporate P2 concepts into Alaska native environmental training programs and the model community environmental assessment system currently being field tested. In addition, the project will work with local community residents accomplish the following activities: to document successful P2 activities and identify other applicable P2 techniques for use in rural Alaskan communities, develop and field test several culturally-relevant models that can be used to integrate P2 into Native community environmental management programs, provide ongoing tools to build sustainable prevention-based environmental programs, and potentially integrate prevention into environmental work plans developed between villages and state and federal environmental agencies.

### **EASTERN WASHINGTON UNIVERSITY: DECREASING WOOD SMOKE EXPOSURE AMONG LOW INCOME FAMILIES IN SPOKANE COUNTY, WASHINGTON**

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

This joint venture between Eastern Washington University and Spokane County's Neighborhood Action Program (SNAP) will help to educate low income citizens about the negative impacts of wood smoke on the respiratory system and convert homes from woodburning to gas use when possible. In order to carry out this project, the recipient will identify low-income households that use wood stoves, develop project information brochures, make public service announcements, hold educational meetings, and provide and install alternative heating systems in these homes.

### **SEATTLE PUBLIC UTILITIES: PASS IT ON PROJECT**

**Grant Award: \$70,026**

The Seattle Public Utilities will support an EJ program in Southeast Seattle, Washington, communities. The project partners representatives from the utility with low-income minority, and nonnative language communities to educate these audiences and their neighborhood resource agencies about home environmental health issues, household hazardous waste, and related EJ and conservation topics. The project will assist in reducing the amount of household hazardous waste disposed of, target communities currently under-served by local household hazardous waste programs, and provide resources and technical support to neighborhoods making changes to improve the health of residents.

### **SOUTHWEST AIR POLLUTION CONTROL AUTHORITY: ASSISTING LOW INCOME MOTOR VEHICLE OWNERS WITH EMISSIONS REPAIR COSTS**

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

The Southwest Air Pollution Control Authority will provide assistance to low-income citizens to repair excessively polluting motor vehicles. The objectives of the initiative are to reduce air pollution emissions from dirty vehicles (which will also have the effect of reducing the fuel consumption of these vehicles); involve the community and other partner organizations; and measure and report program results and successes. A typical reimbursement scenario might consist of a vehicle failing the emission test. The owner would then be provided with a fact sheet that indicates eligibility for financial assistance in making repairs. The fact sheet also provides the number of the Salvation Army, which will perform financial eligibility verification. Eligible clients are issued a voucher authorizing the emission repairs on their vehicle, and the voucher can be given to a participating emission repair shop.

## **NATIONAL**

### **FISCAL YEAR 1996**

#### **NATIONAL ASSOCIATION OF COMMUNITY DEVELOPMENT LOAN FUNDS**

**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.

### **FISCAL YEAR 1997**

#### **REYNOLDSTOWN REVITALIZATION CORPORATION**

**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**

**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 preapprenticeship 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**

**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 overcome 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 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.

## **FISCAL YEAR 1998**

### **HOWARD UNIVERSITY SCHOOL OF SOCIAL WORK**

**Grant Award: \$149,996**

This project supports the reduction in pesticides exposure to the overall environment, and reduction of potential toxic exposure to the food chain. The Program targets African American farmers who will develop sound pollution prevention practices. New information concerning these practices will be made available to the audience of African Americans farmers responsible for pesticides application. Through various demonstrations and illustrations, new pollution prevention methods will be introduced, that can be used to eliminate potential exposure to the environment, wildlife, and accumulation within the food chain.

### **WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION**

**Grant Award: \$218,270**

This project is a cooperative effort between West Virginia University, the West Virginia Division of Environmental Protection, and selected trail chemical manufacturing facilities. The goal of the project is to develop and demonstrate a nonregulatory strategy for identifying and demonstrating the use of a chemical hazard score risk management tool to apply P2 practices to EJ-vulnerable communities. Once established, the system will enhance the monitoring of pollution hazards in West Virginia, Ohio, and Kentucky.

## **APPENDIX F: 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.

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 is also available on "SBA ONLINE" under both the financial assistance and government contracting sections. You may reach SBA ONLINE via your computer at 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>Dallas Area Office<br>U.S. Small Business Administration<br>8625 King George Drive, Building C<br>Dallas, TX 75235-3391<br>Phone: 214 767-7639            |
| 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: 415 975-4853 |
| 3. Office of Government Contracting<br>Atlanta Area Office<br>U.S. Small Business Administration<br>1720 Peachtree Road, NW<br>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 3rd 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 3rd Street, SW<br>Washington, DC 20416<br>Phone: 202 205-6475  |

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