

**OSWER ENVIRONMENTAL JUSTICE PERFORMANCE MEASURES MATRIX
FY 2006 - 2007**

The matrix includes projects from the following OSWER offices:

- Federal Facilities Restoration and Reuse Office (FFRRO)
- Innovation, Partnership, and Communication Office (IPCO)
- Office of Brownfields Cleanup and Redevelopment (OBCR)
- Office of Emergency Management (OEM)
- Office of Solid Waste (OSW)
- Office of Underground Storage Tanks (OUST)
- Office of Superfund Remediation and Technology Innovation (OSRTI)

Overarching Goal: To effectively integrate environmental justice into all EPA strategic planning, program policies, and daily operational activities that results in a measurable benefit to the life of impacted communities

Goal 3. Land Preservation and Restoration

Goal 4. Healthy Communities and Ecosystems

EJ Sub-Objective 1. Risk Reduction / Public Health and Environment Protection — *to ensure equal implementation of environmental laws to achieve significant risk reduction which will improve the environment and/or public health of affected communities*

EJ Sub-Objective 2. Outreach and Communication — *to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities*

EJ Sub-Objective 3. Training — *to provide training for EPA managers and staff to enable them to incorporate environmental justice considerations into their decision-making process*

EJ Sub-Objective 4. Federal, State, Local, and Tribal Government Coordination — *to ensure effective coordination across all levels of government to address the environmental and/or public health concerns of affected communities*

EJ Sub-Objective 5. Grants and Contracts Administration — *to promote effective and efficient management of all grants and contracts to ensure that the environmental and public health concerns of affected communities are addressed*

EJ Sub-Objective 6. Environmental Justice Assessment — *to conduct an assessment of the environmental justice indicators within affected communities as part of the decision-making process*

GPRA Goal 3: Land Preservation and Restoration

EJ Sub-Objective 1. Risk Reduction / Public Health and Environment Protection — to ensure equal implementation of environmental laws to achieve significant risk reduction which will improve the environment and/or public health of affected communities				
<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
FFRRO: Provide co-funding for environmental justice (EJ) activities for Savannah River Site, (SRS), Aiken, SC.	Tim Mott Melinda Downing (DOE)	Citizens for Environmental Justice develops community capacity through training and outreach. Savannah State University trains teachers and mentors students (on-going). DOE manages the grant.	Radio broadcasts, booklets and fact sheets, community workshops, TREAT workshops for teachers, and training of student interns all contribute to increased public participation for the EJ community near the SRS site.	Funding has been allocated to strengthen the capacity of the communities around DOE's Savannah River Site to participate in environmental decision-making and environmental monitoring associated with this and other DOE facilities. The project continues to increase affected communities understanding of the science and technology associated with the generation, storage, remediation, restoration and disposal of hazardous substances at DOE facilities.
IPCO: Partner with OSW, and OEJ to develop EJ Permitting Training module and test the module.	Kent Benjamin	Engage state and other partners in the testing and utilization of the training module.	States provide feedback, which is used to refine and improve the training module. Module is adopted and utilized nationwide. States and other partners improve the meaningful stakeholder involvement in their permitting efforts.	Project is near completion as of October 2006. Piloting of its use will commence in 2007, with performance results to follow.
OSW: Incorporate EJ into the risk assessment analysis.	Thea Johnson	Determine population density and economic level of questioned area. Employ EPA's latest cumulative risk guidance; develop risk assessment frameworks for each project to include EJ-related exposure scenarios (e.g., adult and child exposure scenarios for farmer, fisher, and resident), and if necessary, evaluate additional and relevant exposure scenarios (ongoing). Implement exposure scenarios through risk assessment modeling (ongoing).	Technical background documents that address EJ concerns.	OSW is integrating exposure scenarios into risk modeling that consider populations that are located closest to RCRA regulated facilities. OSW is preparing a risk road map for the CARE program for community use.

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OSW: Assist tribal communities in improving hazardous and municipal solid waste management practices; build tribal capacity for implementing waste management plans.	Tonya Hawkins Denise Roy Charles Reddoor	Publish periodic issues of the “Tribal Waste Journal” to inform tribal communities about successful approaches to waste management. Keep tribal website updated. Distribute the “Tribal MSW Decision Makers Guide” to tribal environmental program managers.	Improved waste management practices in tribal communities help protect public health and the environment.	OSW has published 5 issues of the “Tribal Solid Waste Journal.” Discussions are underway on updates to the OSW Tribal Website. One copy of the “Tribal MSW Decision Makers Guide” has been distributed to every tribe and association as well as to participants at tribal conferences.
OUST- Continue to oversee and conduct cleanups on sites in Indian Country	Bill Lienesch	Conduct site assessments including collecting groundwater samples and performing corrective action	Identify contamination, take action to eliminate human health exposures and remediate releases to the environment	OUST has just received data from the regions on cleanups completed in Indian Country for FY 2006 The data will be QA/QC. Initial estimates indicate that the 2006 GPRA Goal of 30 cleanups will be met.
OUST - Continue to provide compliance assistance to owners and operators and Tribal staff in Indian Country	Bill Lienesch	Conduct periodic training for O/O and Tribal staff; develop tribal capacity	Lessen the risk of USTs being out of compliance and thus posing a greater risk to human health and the environment	OUST has just received data from the regions on compliance rates in Indian Country for FY 2006. The data will be released as soon as it has undergone QA/QC.
OUST - Develop and implement a UST National Strategy for Indian Country	Joseph Vescio	Write a National Tribal Strategy Document by August 2006; Report to Congress by August 2007 detailing the implementation of the strategy	Compliance and cleanups completed rates will increase in the direction of meeting the national average	Tribal Strategy document completed and delivered/posted on OUST web site on 8/8/06. Currently developing Report to Congress to be delivered by 8/8/07.

EJ Sub-Objective 2. Outreach and Communication — to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities

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FFRRO: Update the FFRRO website.	Trina Martynowicz Brendan Roache	Update the FFRRO website with the latest developments of the NEJAC (ongoing).	General public, states, other federal agencies, local and tribal governments, and NEJAC have easy access to documents.	FFRRO has made changes to the environmental justice web site, as well as general changes to provide information important to EJ communities that is easily available.
IPCO: Respond to stakeholder input into OSWER programs and policies.	Kent Benjamin	Develop and implement responses to previously submitted NEJAC Waste and Facility Siting Subcommittee research and recommendations. Provide staff and resources to NEJAC research efforts (ongoing). Provide support to produce recommendations reports (ongoing).	OSWER responses to reports prepared and implementation strategy completed. Stakeholder health in affected communities is improved as a result of revised policy and practice.	Recommendations report was completed with OSWER support in August 2006. OSWER and other EPA offices formed workgroups to address NEJAC Unintended Impacts Report. Draft document will be completed in November 2006.
IPCO: Represent OSWER to CARE program and promote the CARE methodologies among outside stakeholders.	Kent Benjamin	Make network of community-based contacts aware of CARE program and associated funding and technical assistance programs.	OSWER related communities successfully compete for CARE support and undertake projects to improve community health and reduce exposure to toxics.	OSWER has provided more than 1.0 FTE in support of this effort. OSWER will provide CARE Co-chair in 2007/2008. OSWER provided \$739k to CARE program in FY06. Communities are self assessing toxic loads and determining priority areas to improve public health.

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OSRTI: Help citizens better understand the hazardous contamination issues in or near their communities by accessing the Technical Outreach Services for Communities (TOSC) program.	Jennifer Browne	<p>Explain and review technical documents related to a site.</p> <p>Help communities understand health risks and environmental issues at a site.</p> <p>Sponsor workshops, short courses, and other learning experiences to explain basic science and environmental policy.</p> <p>Inform communities about existing technical assistance materials, such as publications, videos, and websites.</p> <p>Train community leaders in facilitation and conflict resolution.</p> <p>Assist communities in participating in the cleanup decision-making process.</p> <p>A portion of the work goes to EJ communities, especially Native American communities.</p>	<p>Provide free, independent, non-advocate, technical assistance about contaminated sites through the Technical Outreach Services for Communities (TOSC) program.</p>	<p>Provided assistance to approximately 214 communities (\$1.385 million in FY06) by guiding them through the environmental cleanup and site reuse process.</p> <p>EPA is transitioning the TOSC program from a grant mechanism to a contract which the Agency expects to award in early 2007.</p>
OSRTI: Ensure that the people whose lives have been affected by a Superfund hazardous waste site have the opportunity to access an independent technical advisor to help them understand the site's technical information through the Technical Assistance Grant (TAG) program.	Freya Margand	<p>Develop outreach fact sheet to help prospective applicants and current recipients understand what they need to do to comply with the new EPA environmental results grant policy.</p>	<p>To assist the community members in more effectively participating in the Superfund decision-making process an initial grant up to \$50,000 is available to qualified community groups so they can contract with independent technical advisors to interpret and help the community understand the issues with their site.</p> <p>To date 292 TAGS totaling more than \$24.5 million have been awarded.</p>	<p>The TAG Recipient Handbook is in the process of being revised and is currently undergoing OGC review. Each section goes into detail on a different set of TAG management issues - monitoring/tracking activities and finances, keeping records, developing reports, drafting the TA contract, submitting payment requests, etc. The handbook is designed so that sections can stand on their own and be sent out and posted on the web as they are finalized. The handbook will be distributed to existing and new TAG recipients (it is not intended for prospective applicants, they are given fact sheets to meet their needs).</p>

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OSRTI: Offer job training to community members living near or affected by a Superfund site so they can participate in the clean-up of their community and encourage employment of community members through the SuperJTI (Superfund Job Training Initiative) program.	Pat Carey	Offer one SuperJTI project for the year. Courses are consistent with type of cleanup: Lead Abatement, Asbestos Abatement, 40-hour Hazardous Waste Worker Training (HAZWOPER), Job Readiness Training, Environmental Justice Workshop.	<p>Increase skills of local workers.</p> <p>Encourage community organizations, universities, state agencies, and local employers to work together.</p> <p>Provide job opportunity for trained residents.</p> <p>Contribute to the cleanup of the community and the environment.</p> <p>Empower students with an awareness of environmental health issues.</p>	<p>Approximately, 475 people have been trained since the program's inception.</p> <p>A SuperJTI-Anacostia Project was initiated jointly between OIA, Inc., Wheeler Creek CDC and the Earth Conservation Corp (9/2005-7/2006); 21 students successfully completed the environmental remediation and safety portion of the program with 15 of them employed in environmental and related fields.</p>
OSRTI: Develop fact sheets and other site related materials in different languages for non-English speaking communities.	Jean Farrell	Translate 10 to 12 documents/fact sheets into Vietnamese, Chinese, Russian, Spanish and other languages. Inter-agency agreement with the State Department.	Superfund communities of non-English speakers are fully engaged in the Superfund process with written materials and documents in their native language.	8 documents have been translated into Spanish and Russian.
OSRTI: Continue to sponsor the Community Involvement Conference and Training, a venue where community involvement practitioners come together to exchange ideas, learn new tools, and hone skills.	Pat Carey Karen L. Martin Chris Tirpak	Five day conference that includes over 40 presentations, three plenary sessions, three-four field trips, several site visits, poster sessions and eight four- or eight-hour training sessions.	<p>Attendance continues to grow.</p> <p>Joint presentation with community, industry, academicians, and agency.</p>	<p>Ninth annual EPA Community Involvement Conference took place the week of June 26, 2006, in Milwaukee, WI, with approximately 350 people in attendance.</p> <p>The conference agenda offered 55 presentations and trainings.</p> <p>Planning for the 2007 conference, to be held in Jacksonville, FL, is underway.</p>

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OSRTI: Develop a venue where Spanish-speaking people can participate in the Superfund process and be able to obtain Superfund-related documents in Spanish.	Waleska Nieves Rafael Gonzalez	Create a Spanish Superfund website on the Superfund homepage. Develop communication strategy to spell out goals and maintenance of the web pages.	Provide Spanish-speaking communities tools in their own language to help them get involved and understand the Superfund Process. Provide different resources for information. Promote the consistency for future translation and offer bilingual contacts.	The website is complete (www.epa.gov/superfund/spanish/index.htm). Marketing of the site occurs through a brochure, a link to the EPA Spanish Portal and is mentioned in several trainings (five-year review and community involvement). It contains a broad array of information on the Superfund program including an acronyms section, fact sheets on the cleanup process and methods, information on TAGs, a bilingual glossary of common Superfund terms and 105 questions and answers on many Superfund topics.
OSRTI: Continue to provide relevant training to agency staff through the Superfund Community Involvement University.		Add two new courses to the curriculum: <ul style="list-style-type: none"> • Introduction to Environmental Justice (an on-line course) • Identification, Collection, Organization and Communication on the Societal, Cultural, and Economic Impacts of Superfund Sites 	Provide Superfund and other program staff with professional training in the art and science of working with communities and in dealing sensitively and respectfully with EJ issues and concerns. Provide communities with knowledge of the Superfund program, enabling them to become meaningfully involved.	The cultural impacts course has been piloted in EPA Region 8. Based on feedback from pilot, course is being refined and should be finalized by the end of 2006. International Association for Public Participation (IAP2) certificate training has been added to CIU curriculum.
OSW: Develop a link for communities from the OSW e-permitting website.	Toshia King	Revise website as necessary to keep current.	Communities will be able to better understand the whole concept of e-permitting and learn how they can participate in the process.	E-permitting efforts are still being developed. This effort will evolve as more States become authorized.
OSW: Special Emphasis Programs (Black, Hispanic, Asian/Pacific Islander, American Indian) outreach/recruitment activities	Charles Reddoor Kim Katonica Brenda Chaney	Represent the Agency at 4-5 outreach or recruitment forums that target under-represented communities and work with OSW management to encourage a diverse, representative workforce that promotes a tolerant work environment.	Greater participation by members of affected communities in Agency decisions, program development, and implementation.	OSW conducted an outreach and recruitment effort for EPA during the month of October 2006. OSW has held an annual Native American Celebration. The next event will be held in November of 2006.

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OSW: Provide funding to the Technical Outreach Services for Communities (TOSC) program to provide technical assistance to EJ communities near RCRA permitting facilities and corrective action facilities.	Toshia King	Send request for proposal memo to regions, review proposals, award grant, and monitor activities with regions and TOSC staff (annually).	Increased public understanding and empowerment of RCRA permitting and corrective action sites in or near EJ communities.	This project has been put on hold until the new contract is in place. Interim measures include coordinating with Universities on RCRA Sites and coordinating with RCRA Regional contacts to develop TOSC outcomes from past to present.
OUST - Meet with Tribal representatives to discuss the development and implementation of a UST National Tribal Strategy	Joseph Vescio	Offer participating Tribal representatives with the opportunity to provide input on all areas of interest concerning a National Strategy	National Strategy will be produced and implemented with Indian Tribes.	Currently developing Tribal Strategy implementation plan. Planning conference calls w/ tribes and EPA regions; EPA will meet with tribes during FY '07.
OUST - Work with Regions and states to determine potential sites in EJ areas that can apply for Brownfields grants	Steve McNeely	Work with select EJ communities facing petroleum revitalization challenges that have been identified by our Regions/States to develop an approach/ strategy for securing and applying available petroleum resources (e.g., BF & other) to address their assessment and cleanup needs.	The development of a statewide strategy for leveraging available resources and applying those resources to help revitalize petroleum sites in EJ and other communities.	Working with EPA Regions and States to document petroleum Brownfields implementation best practices and secure examples of approaches used to direct assistance to socio-economically challenged communities.

EJ Sub-Objective 3. Training — to provide training for EPA managers and staff to enable them to incorporate environmental justice considerations into their decision-making process

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
IPCO: Enhance integration of EJ into OSWER culture.	Kent Benjamin	Deliver EJ Training to OSWER management and staff (quarterly); track the number of training sessions held and number of staff trained.	Staff incorporates EJ principles and assessment tools into their work. Activities in OSWER programs are adjusted to focus on communities with recognized disparities.	Training schedule adjusted to annual and as needed frequency. To date more than 100 members of the 620 OSWER staff have received EJ training. Plan to distribute survey to assess use of training in the workplace.
OSW: Assist OSWER's front office and regions (as requested) in conducting Fundamentals of Environmental Justice training course.	Toshia King	Offer training course to OSW staff during FY 05-06. Provide assistance to regions as requested.	OSW staff will have an increased awareness of EJ and how to incorporate EJ consideration into their daily responsibilities.	Coordinated with OSWER's front office to ensure OSW participation in the October 2006 workshop.
OSW: Work with OEJ to develop and conduct an EJ course for permit writers.	Toshia King	Complete Permit Writer's Course.	EJ considerations are factored into the basic process for RCRA-issued permits.	Provide comments to OEJ on draft training.
OSW: Conduct Tribal program awareness events.	Charles Reddoor	Invite Native American speakers to address OSW staff. Conduct site-visits to Indian reservations for OSW managers.	OSW staff and managers have increased awareness and appreciation for Tribal waste management issues.	Ongoing Effort - Native Alaska Village Presentation held October 19, 2006

EJ Sub-Objective 4. Federal, State, Local, and Tribal Government Coordination — to ensure effective coordination across all levels of government to address the environmental and/or public health concerns of affected communities

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
FFRRO: Represent FFRRO in NEJAC activities and EJ efforts.	Trina Martynowicz	Attend conferences and present FFRRO's activities and EJ efforts (ongoing). Participate in regular meetings as the FFRRO federal representative and act as the liaison between NEJAC, EPA, and other federal agencies (ongoing).	Respond to federal facilities-related questions during the public comment periods, and follow-up with additional information.	Attended the national NEJAC meeting and national tribal conferences, as well as regular conference calls and meetings with federal facilities stakeholders, including EPA's regional federal facilities staff and state regulatory partners
FFRRO: Gather requested data and information from NEJAC.	Trina Martynowicz	Conduct research and gather information (ongoing).	Provide necessary information requested from NEJAC.	Attended the national NEJAC meeting. No specific information has been requested by the Council.

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<p>OEM: Work with other federal, state, and local agencies to affect an environmental cleanup of all communities affected by Hurricane Katrina.</p>	<p>Tito Irizarry</p>	<p>Removal of household waste and other debris from all communities affected by Katrina.</p>	<p>Members of EJ communities receive same consideration and attention as are given to other communities.</p>	<p>Status Update:</p> <p>On August 29, 2005, Hurricane Katrina made landfall along the Gulf coast of the southeastern United States, causing unprecedented damage from eastern Louisiana to near Mobile, Alabama, due to the high winds and storm surge. Over the past year, EPA has worked with Federal, State and local partners to assist in the recovery from Hurricanes Katrina and Rita. To date, EPA has:</p> <ol style="list-style-type: none"> 1. Conducted environmental monitoring and sampling of water, air, floodwater and residual sediment resulting in more than 400,000 analyses. In Louisiana, comprehensive environmental monitoring and sampling was conducted throughout all of the parishes including vulnerable communities like the Lower 9th Ward of Orleans Parish. 2. Responded to approximately 70 emergency situations to address chemical spills, fires, and other emergencies causing an immediate public threat 3. Played a key role in the overall debris mission with FEMA and the Corps, for which the total estimates are expected to top 118 million cubic yards. EPA provided technical advice and assistance, promoted recycling, and handled the disposal of over 4 million containers of household hazardous waste

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				<ol style="list-style-type: none"> 4. Assisted in the proper handling and recycling of over 380,000 large appliances (refrigerators, freezers, and air conditioners) 5. Collected and recycled over 661,000 electronic goods to save important landfill space and ensure the reuse of metal components 6. Assessed approximately 4000 water systems to determine their viability after the storms and provide assistance where requested; inspected over 3,500 potable water trucks to ensure drinkable water was delivered promptly to areas affected by the hurricane 7. Assessed approximately 1,300 underground storage tank locations and over 1,600 chemical facilities and refineries 8. Assessed approximately 900 public and parochial school chemistry classrooms and removed chemicals and other equipment from 130 chemistry laboratory classrooms to ensure safe schools for returning students. 9. Continued to monitor 12 temporary ambient air monitoring sites throughout LA 10. Continued to provide oversight of the cleanup by Murphy Oil of a large oil spill which impacted hundreds of homes in St. Bernard Parish (Murphy has completed the external cleanup of 1854 homes). <p>In July 2006, EPA completed cleanup of oil and hazardous materials in MS and AL, and transitioned responsibility for remaining activities to the State.</p>

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<p>OEM: In annual letter from OEM Director to all State Emergency Response Commission (SERC) chairs, encourage the SERCs to work with local emergency planning committees (LEPCs) to promote EJ, using right-to-know information about chemicals in the community.</p>	<p>Tito Irizarry</p>	<p>Send letter to all SERC chairs by May 2006.</p>	<p>LEPCs include EJ considerations in their discussions about local chemical hazards as they prevent and prepare for accidental releases.</p>	<p>Status Update:</p> <p>During the week of 10/06, OEM's Director is participating in a celebration of the Twentieth Anniversary of the Emergency Planning and Community-Right-to-Know Act, a piece of legislation which itself promotes the rights of all individuals to have access to information regarding chemicals which could adversely impact their community. In her remarks, Ms. Dietrich will highlight the work done in an economically challenged community in Region 9, and the steps that were taken by EPA, in conjunction with the regulated community and the local government, to contribute to making the community a safer place to live.</p> <p>Additionally, OEM has signed on as a Citizen Corps Affiliate, which is coordinated by Department of Homeland Security. The Citizen Corps focuses on preparedness at the local level by involving and organizing volunteers from throughout the community.</p> <p>Currently reviewing recommendations included in the 2005 Gulf Coast Hurricanes report by the National Environmental Justice Advisory Council (NEJAC) pertaining to work with the SERCs and LEPCs.</p>

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OSW: Coordinate with representatives of Tribal nations to solicit input on EPA decisions potentially affecting tribal communities.	Charles Reddoor	10-15 consultative conversations with tribal representatives.	Tribal communities will have improved waste management practices, thus protecting public health and the environment. EPA and tribal efforts will be better focused on meeting the needs of tribal communities.	An effort to develop an OSWER Tribal Council to promote dialogue with EPA and Tribes on tribal environmental policies is underway. OSW will be represented on the Council.
OSW: Chair the “Federal Interagency Solid Waste Work Group.”	Tonya Hawkins	Multi-agency coordination on grants to tribes for improved waste management and cleanup/closure of open dumps.	Tribal communities will have improved waste management practices and fewer open dumps, thus protecting public health and the environment.	The final solicitation for the FY 2007 Tribal Solid Assistance Project has been forward to management for signature and distribution to all tribes. A Tribal Solid Waste Interagency Workgroup meeting is being scheduled for the 2 nd week of November.

EJ Sub-Objective 5. Grants and Contracts Administration — *to promote effective and efficient management of all grants and contracts to ensure that the environmental and public health concerns of affected communities are addressed*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
IPCO: Participate in the EPA CARE Program.	Kent Benjamin	Provide representative and funding support to CARE program. Provide technical assistance to cooperative agreement recipients.	Grant plan developed; grant program announced and solicited; proposals accepted; recipients selected.	In 2006, EPA funded cooperative agreements to 17 diverse communities. There are 10 Level I recipients and 7 Level IIs.
OSW: Hazardous Waste Management Grant Program for Tribes.	Denise Roy	Inventory of hazardous waste handlers/facilities in Indian Country; Codes, regulations, ordinances, policies and/or guidance for regulating hazardous waste; Facilities for improved hazardous waste management, such as secure household hazardous waste collection stations and re-use centers for used paint, wood stains, etc. Number of Tribal Leaders and environmental staff trained and certified; Educational and community outreach materials; and Reports from studies, sampling, and/or research.	Tribal communities will have improved knowledge about hazardous waste management and capacity building to address hazardous waste mismanagement in Indian Country.	The Project Lead is in the process of forming a workgroup to revise the solicitation for the FY 2007 Hazardous Waste Management Grant competition. The solicitation is being revised to address concerns raised by the Regional Tribal Coordinators and to conform to the new competition policy and OMB format.

EJ Sub-Objective 6. Environmental Justice Assessment — to conduct an assessment of the environmental justice indicators within affected communities as part of the decision-making process

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
FFRRO: Track and document EJ efforts from the regions; gather regional EJ contacts; send email to regions requesting EJ efforts; and discuss in conference call.	Trina Martynowicz	Report findings and participate in meetings and conference calls (ongoing).	Documentation of EJ activities in the FFRRO program.	Work underway with EPA’s regional federal facilities staff on providing updates of EJ efforts and responding to concerns and questions.
IPCO: Coordinate application of OECA EJSEATS model in OSWER Program Offices.	Kent Benjamin	Provide training on EJ SEATS to OSWER program offices. Develop additional OSWER-related applications for the methodology. Conduct research to determine where EJ disproportionate impacts exist in communities that are affected by OSWER programs.	Documentation of disproportionate impacts in communities that are affected by OSWER programs. Development of remedial approaches to reduce disproportionate environmental impacts.	IPCO is working with all OSWER program offices to develop OSWER specific adaptations of EJSEATS methodology and analysis.

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<p>OEM: Analyze chemical accident data from about 14,000 Risk Management Plans (RMP) submitted in June 2004 to identify any potential EJ issues.</p>	<p>Tito Irizarry</p>	<p>Analyze RMP data by Feb 2006; develop a strategy to address findings by July 2006.</p>	<p>Coordinated federal/state/local/tribal/ industry actions to address EJ issues near RMP facilities.</p>	<p>Status Update:</p> <p>To date, RMP data has not identified specific locations where minority or low-income communities may be at greater risk from chemical facility hazards. However, EPA conducts approximately 400 RMP facility inspections annually, including inspections at facilities in areas of low income or high minority population. Of note, in 2005 EPA conducted a special enforcement/compliance assistance initiative in Puerto Rico to improve RMP implementation at covered facilities located there.</p> <p>Since mid-2004, EPA has required more timely submission of accident information from RMP facilities. Over time, this may improve our understanding of the causes of accidents at RMP facilities in general, including those that may be located in low income or minority communities. Eventhough at this time there doesn't appear to be a need for a strategy, continued review and assessment of this accident information from RMP facilities will help identify the need for one to be devised.</p>

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OSW: Assist CARE communities in achieving toxics reduction goals.	Tammie Owen	<p>Develop maps showing where priority chemical facilities are located in CARE or proximate to CARE Communities (up to 10 maps annually)</p> <p>Work with Regions and States to develop voluntary priority chemical reduction partnerships with facilities in CARE communities.</p>	Measurable priority chemical reductions in CARE communities. One facility per region to partner with the NPEP - voluntary program.	Researching NPEP facilities within proximity to CARE communities.

GPRA Goal 4: Healthy Communities and Ecosystems

EJ Sub-Objective 1. Risk Reduction / Public Health and Environment Protection — to ensure equal implementation of environmental laws to achieve significant risk reduction which will improve the environment and/or public health of affected communities				
Activity	Lead Contact	Outputs	Outcomes	Results
<p>OBCR: In coordination with the Environmental Law Institute (ELI), develop a baseline report on how the Brownfields Program is addressing risk reduction, public health, and environmental protection in environmental justice communities.</p>	<p>Ann Carroll</p>	<p>Publish Report and/or posting on OBCR web page by December 2005.</p> <p>A pilot risk reduction program will be conducted in two communities per year to examine community risks, impacts of brownfields on public health, and potential opportunities to improve public health through the brownfields redevelopment process.</p> <p>ELI asked for a no-cost time extension in FY05 in order to provide time to complete the publication on brownfields and risk reduction to public health. Workshops were conducted in the demonstration communities in Florida and Massachusetts, as well as in Maryland and New Jersey.</p>	<p>Documentation of the impact of the Brownfields Program on addressing risk reduction, public health, and environmental protection in EJ communities and determination of the effectiveness of the practice.</p> <p>Better understanding by OBCR and other internal and external stakeholders regarding public health and risk reduction in environmental justice communities.</p>	<p>ELI received a two year cooperative agreement of \$362,089 for FY 03 – FY 05 followed by two no-cost extensions. The grant has funded ELI to support work with a number of Florida communities as well as New Bedford, MA (50 attendees), and Paterson NJ (40 attendees). ELI has presented pilot findings to the Florida Brownfields Association annual meetings and other gatherings. Community workshops focus on risk assessment/ communication, EJ and community involvement and how to consider public health impacts of brownfields as part of brownfield cleanup and redevelopment. A resource kits is developed and provided to participants.</p> <p>ELI has also established a public health track as part of the Florida Brownfield Association annual meeting.</p> <p>Additional Workshops/Presentations Florida Brownfield Association, Oct 9-12, 2005 and Oct 27, 2006and Public Health Panels at BF 2004, 2005 and 2006 Rollins College, 50 attendees, 3/2006</p>

EJ Sub-Objective 1. Risk Reduction / Public Health and Environment Protection — to ensure equal implementation of environmental laws to achieve significant risk reduction which will improve the environment and/or public health of affected communities

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
OBCR: Enhance outreach related to brownfields and controlled substance laboratories (i.e. methamphetamine labs) and develop a technical document on brownfields redevelopment and environmental/human health risk in low-income communities.	Ann Carroll	Conduct workshops and outreach efforts so that stakeholders will conduct two outreach sessions/workshops in selected environmental justice communities where methamphetamine labs are concentrated. A final report will be developed by the end of FY06.	Brownfields stakeholders gain a better understanding regarding public health risks associated with methamphetamine production cleanup.	OBCR served on technical committee to structure and review draft educational materials prepared by ORD contractors. Final comments have been provided to ORD by OBCR.
OBCR: Enhance understanding of the 10% health-monitoring provision referenced in the Brownfields Law and identify how previous and current brownfields grant recipients have used these monies.	Ann Carroll	Develop a summary of regional use of this provision. Currently, OBCR is identifying previous and current grantees who used the 10% health monitoring provision and how those monies were used.	Regional EPA Offices and grantees gain a deeper understanding of funding opportunities available for health-monitoring efforts in environmental justice communities.	OBCR has seen an increase in grants for health monitoring funding from X in 2003 to 37 applications in 2006. EPA staff training is underway with a pilot training program provided to 12 staff in Atlanta on September 19 to assist them in their management of health monitoring grants. Further training is under development. A fact sheet and presentation has been prepared that provides concrete examples of current projects as well as additional examples of potential health monitoring projects that would be eligible. Directors of the 12 Pediatric Environmental Health Specialty Units and 15 additional clinical and public health fellows funded by EPA OCHP and others agreed to provide technical and clinical support on brownfields health monitoring.

EJ Sub-Objective 2. Outreach and Communication — to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
OBCR: In coordination with EPA Region 6, provide outreach on brownfields grant application opportunities and technical assistance to tribes in New Mexico and environmental justice communities.	Karen Peycke, Region 6 Joe Bruss, HQ Felicia Wright, HQ (TBD)	Conduct workshop(s) in tribal areas within New Mexico.	Tribes receive technical assistance from OBCR and OSWER. Communities gain a better understanding of the brownfields grant application process and larger brownfields redevelopment funding opportunities.	The grant workshop was cancelled due to other priorities in Region (i.e Hurricane Katrina efforts)
OBCR: In coordination with the Center for Public Environmental Oversight (CPEO), promote environmental justice and successful brownfields redevelopment through a rigorous and comprehensive program of technical assistance, training, and community involvement.	Joe Bruss	In 2005, CPEO will facilitate the annual EJ Caucus at the Brownfields Conference. One session will focus on environmental justice, effective community involvement, and issues of equity as they relate to brownfields redevelopment strategies in New Orleans and adjacent communities affected by Hurricane Katrina. Convene regional community brownfields workshops.	Provide customized technical assistance to selected communities. Strengthen the Brownfields Caucus as a national network. Utilize the results of current research on brownfields and schools.	CPEO conducted workshops in Houma LA (over 25 attendees) and in Philadelphia, PA (over 30 attendees). As a result of these workshops and facilitation by CPEO, in Philadelphia, local activists are now working closely with State's land recycling program, and in Houma, LA, the formation of a non-profit church-led environmental justice organization is underway. Additionally, follow-up site visits and workshops were conducted in Biloxi, MS, Jersey City, NJ, Orland Park, CA and Playa Vista, CA, Torrance, CA, and Brisbane, CA focused on a variety of brownfields redevelopment and environmental justice issues, including vapor intrusion

EJ Sub-Objective 2. Outreach and Communication — *to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
OBCR: In coordination with the Hazardous Materials Training and Resource Institute (HMTRI), create outreach and training methodologies to communities interested in developing brownfields job training programs.	Joe Bruss	Develop a tool box for communities doing job training programs and at least one workshop per year to an environmental justice community and small town with a job training grant.	Communities with job training programs gain better understanding on how to better implement and manage brownfields job training programs.	<p>A workshop was recently completed in Nashville, TN where over 30 persons and differing organizations attended. The workshop assists applicants interested in applying for a brownfields job training grant and also helps recent grantees in developing their programs. Attendees this year included several workforce investment boards from predominantly minority urban communities and varying nonprofit organizations engaged in grassroots social justice projects.</p> <p>Between June and Oct. 2006, the brownfields toolbox website has received 704 visits and 13,634 hits.</p>

EJ Sub-Objective 2. Outreach and Communication — *to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
<p>OBCR: In coordination with the National Center for Neighborhood and Brownfields Redevelopment and Rutgers State University of New Jersey, develop tools and provide outreach to community-based organizations in socio-economically disadvantaged communities with resources and knowledge regarding the economic feasibility of brownfields redevelopment projects.</p>	<p>Joe Bruss</p>	<p>A needs assessment will be conducted in several cities in New Jersey, as well as in Houston, Texas.</p> <p>Workshops will be conducted in the areas identified as environmental justice communities following the needs assessment.</p> <p>Cooperative agreement was awarded in September 2005 and Rutgers University is beginning its needs assessment analysis and community-based organization interviewing phase of the project.</p>	<p>Community-based organizations will gain the knowledge to actively participate and undertake brownfields redevelopment projects.</p> <p>Community-based organizations interested in undertaking brownfields redevelopment projects will gain the knowledge needed to implement successful projects while placing an emphasis on the financial, environmental, and legal caveats of brownfields remediation.</p>	<p>To date, Paterson, NJ and the Northern Liberties Neighborhood of Philadelphia, PA have been identified as the two pilot cities for the project. (Houston, TX is no longer a proposed community where work will be conducted due to potential project duplication issues.) Initial meetings with community-based organizations and environmental justice advocates were held in both cities, the needs assessment portion of the project has been completed, and workshop protocols are being developed as a result of these meetings. NCNBR will continue to provide capacity-building technical assistance in both communities and plans are underway to work with both communities in identifying specific brownfield sites of concern to the community. In doing so, NCNBR will assist these local organizations in assessing the economic feasibility of entering into a brownfields redevelopment project at these sites and developing community visions for end-uses at these sites.</p>

EJ Sub-Objective 2. Outreach and Communication — *to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
OBCR: In coordination with University of Louisville, KY, develop a community-based participatory project to support brownfields redevelopment in West Louisville and create a replicable model to be used nationwide in socio-economically disadvantaged communities.	Ellyn Fine	<p>Conduct ten workshops in Louisville.</p> <p>Create community-based participation policies in the City of Louisville.</p> <p>Cooperative agreement was awarded in September 2005.</p>	Increase the capacity of local community-based organizations in Louisville with the knowledge to undertake brownfields redevelopment projects.	In the first year of this project, the University of Louisville conducted 10 workshops each of which had 40 to 50 persons attending. Additionally, a website has been created to track the progress of the project and the workshops. Because of the Financing Workshop an agreement has been made from representatives from several financial institutions to discuss with the Metro Development Authority the development of a locally funded revolving loan fund for assessments of brownfield sites in Western Louisville. Additionally, with help from participants of the workshop voicing concerns about roads and transportation in the Park Hill Corridor, the Louisville Metro Development Authority secured funds to implement a transportation analysis and planning strategy that will focus on the Park Hill Corridor.

EJ Sub-Objective 2. Outreach and Communication — *to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities*

Activity	Lead Contact	Outputs	Outcomes	Results
OBCR: Develop and distribute an outreach pamphlet relating brownfields and the public health risks from methamphetamine labs to environmental justice communities and communities where methamphetamine labs have been located.	Ann Carroll	Develop a pamphlet.	Communities gain resources that help them better understand the public health risks associated with methamphetamine labs.	<p>Pamphlet is being reprinted and presentation materials have been made available to EPA Regional Brownfields staff.</p> <p>A meth lab panel has been organized for Brownfields 2006 to discuss and address community concerns about meth labs. In addition, OBCR is working with the ORD OSP in developing their research strategy and will be organizing a listening session on the strategy as part of BF 2006.</p> <p>An RFA is also under development to provide additional technical support and assistance to tribal communities addressing meth labs.</p>
OBCR: In coordination with the Northeast-Midwest Institute, convene a consortium of stakeholders in disadvantaged communities.	Tony Raia Joe Bruss	<p>Provide technical assistance through regular conference calls.</p> <p>Develop a technical assistance tool kit for renewing disadvantaged areas.</p> <p>Conduct four technical assistance workshops.</p> <p>Cooperative agreement was awarded in Sept. 2005.</p>	Communities receive technical assistance from experts and peer communities to support their involvement in brownfields projects.	<p>Currently Northeast-Midwest, through a sub-contract with the Ferguson Group, is establishing the “Disadvantaged Communities Network;” a diverse group of stakeholders involved in environmental justice related projects throughout the United States. To date, the Disadvantaged Communities Network is soliciting feedback on a variety of environmental justice issues including gentrification, affordable housing, and mothballed properties. The Disadvantaged Communities Network will sponsor several sessions at Brownfields 2006 in Boston including a session on gentrification and equitable redevelopment and effective financing and cleanup methodologies for community based organizations involved in brownfields redevelopment projects.</p>

EJ Sub-Objective 2. Outreach and Communication — *to provide opportunities for meaningful involvement and ensure effective communication between the Agency decision makers and stakeholders, including all affected communities*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
OBCR: In coordination with the American Planning Association, develop tools and conduct training for community development corporations (CDCs) and disadvantaged communities.	Ellyn Fine	<p>Develop a workbook and training curriculum.</p> <p>Conduct eight training sessions on community involvement and brownfields redevelopment.</p> <p>Cooperative agreement was awarded in September 2005.</p>	Increase the capacity of CDCs and other local organizations to undertake brownfields projects.	APA, in collaboration with Bethel New Life in Chicago, organized workshops and presentations in January and April 2006 to increase the capacity of CDC and other local organizations to work on brownfields.

EJ Sub-Objective 3. Training — to provide training for EPA managers and staff to enable them to incorporate environmental justice considerations into their decision-making process

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
OBCR: Coordinate with OSWER EJ Liaison and the Office of Environmental Justice to provide Environmental Justice Fundamental Training for OBCR staff and/or encourage OBCR staff to complete on-line training.	Kent Benjamin	Offer at least one training session per year to interested OBCR staff who have not taken the training (on-going).	OBCR staff learn to integrate environmental justice considerations into daily responsibilities and implement that knowledge.	No OBCR staff attended the latest EJ training in 2006. However, three OBCR staff attended the EJ training in 2005.

EJ Sub-Objective 4. Federal, State, Local, and Tribal Government Coordination — to ensure effective coordination across all levels of government to address the environmental and/or public health concerns of affected communities

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
<p>OBCR: Participate in Federal Interagency Working Group (IWG) meetings as OBCR representative.</p>	<p>Joe Bruss</p>	<p>Participate in meetings.</p>	<p>Brownfields program concerns are taken into consideration in meetings and calls.</p> <p>Lines of communication, coordination, and collaboration are enhanced among HQ offices and other federal agencies.</p>	<p>OBCR has regularly attended IWG meetings. Additionally, OBCR attended the Building Communities Through Partnerships Environmental Justice meeting in Atlanta, GA and the NEJAC meetings held in New Orleans and Washington, DC 2005-2006.</p>
<p>OBCR: Work with Federal Advisory Committee member organizations and state and tribal organizations to develop outreach and training on the new federal standards on all appropriate inquiry.</p> <p>(Note: EPA developed the proposed rule using a Negotiated Rule-making Committee, which was tasked with developing the proposed rule. Of the 25 members of the Committee, three members represented environmental justice advocacy groups: West Harlem Environmental Action, the Partnership for Sustainable Brownfields Redevelopment, and the Center for Public Environmental Oversight.)</p>	<p>Sven-Erik Kaiser & Patricia Overmeyer</p>	<p>Beginning in late 2005 and throughout 2006, develop training materials to educate environmental justice leaders and communities on the importance of the new federal regulations and the content and requirements of the final rule.</p> <p>EPA published the final rule setting federal standards for all appropriate inquiries on November 1, 2005. The effective date of the final rule is November 1, 2006.</p> <p>OBCR is developing an outreach and training strategy on the final regulation.</p>	<p>The regulation was published. Member organizations have certainty of requirements necessary to comply with statutory provisions for all appropriate inquiries.</p> <p>Stakeholders can take advantage of the opportunity to be trained on new regulations.</p>	<p>OBCR staff developed outreach materials on the final All Appropriate Inquiries Rule and placed the materials on the EPA website.</p> <p>OBCR staff developed comprehensive training on the final regulatory requirements. EPA staff are delivering the training in each of the ten EPA regions. OBCR staff work with EPA Regional staff in each region to ensure that the training is offered to state, tribal and local government partners, including environmental justice advocates.</p> <p>OBCR staff are working with ASTSWMO to offer the All Appropriate Inquiries training to our state government partners. The training for state government officials is scheduled for November 2, 2006 in Kansas City, KS.</p> <p>In addition, OBCR staff delivered the training on the All Appropriate Inquiries Rule at several state brownfields events (e.g., Arkansas, Virginia, Oklahoma).</p>

EJ Sub-Objective 5. Grants and Contracts Administration — to promote effective and efficient management of all grants and contracts to ensure that the environmental and public health concerns of affected communities are addressed

Activity	Lead Contact	Outputs	Outcomes	Results
<p>OBCR: Participate in the development and review of brownfields grant guidelines, as well as in the review and selection of grant proposals.</p> <p>(Note: In FY05, the brownfields job training grant eligibility requirements were opened to include any community that is receiving or has received Section 128 funding. This expanded eligibility to communities who were previously ineligible to apply.)</p>	<p>Joe Bruss</p>	<p>Provide input on hardship waiver requests from entities applying for assessment, cleanup, and/or revolving loan fund grants.</p> <p>Provide input into revisions of grant guidelines on environmental justice considerations and ranking evaluation criteria.</p>	<p>Environmental justice is incorporated into the Brownfields grants review process.</p>	<p>OBCR is developing a more concrete methodology for determining the granting of hardship waivers based on a culmination of demographic variables, including poverty rates, unemployment, and other environmental justice related variables. This new methodology will provide more thorough guidance to applicants interested in applying for a waiver for the assessment, revolving loan fund, and/or cleanup competitive grants while taking into consideration community need and funding limitations.</p> <p>OBCR is looking at the feasibility of developing a ranking sub-factor for all competitive grant opportunities which will more adequately capture the potential for assessing unintended impacts caused by redevelopment in communities. This may be done by requiring applicants to provide market assessment information of existing housing prices in their community, forecasting potential gentrification trends, and developing tools to assist in sustaining economic benefits in disenfranchised communities.</p>

EJ Sub-Objective 5. Grants and Contracts Administration — *to promote effective and efficient management of all grants and contracts to ensure that the environmental and public health concerns of affected communities are addressed*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
OBCR: Ensure that the community involvement reference check and verification process for the brownfields assessment, revolving loan fund, cleanup, and job training grants are conducted properly and efficiently.	Joe Bruss	Update community involvement reference check standard operating procedures for contractor on annual basis and analyze areas for improvement.	Community involvement considerations are carefully analyzed during the grants review process and considered in making selections.	The community involvement and employer involvement verification process was strengthened in FY2006 to ensure local community-based organizations are adequately involved during the development of an applicant's brownfields job training grant proposal. Additionally, the community notification requirement of the brownfields assessment, revolving loan fund, and cleanup grant guidelines was revised and strengthened in an attempt to increase the likelihood that local communities are adequately notified and involved during a brownfields redevelopment project.

EJ Sub-Objective 5. Grants and Contracts Administration — *to promote effective and efficient management of all grants and contracts to ensure that the environmental and public health concerns of affected communities are addressed*

Activity	Lead Contact	Outputs	Outcomes	Results
<p>OBCR: In partnership with the Community Action for a Renewed Environment program (CARE), OBCR provided targeted brownfields assessment (TBA) funding to regions to assist FY05 CARE grantees in identifying, inventorying, and assessing brownfields properties in their respective communities.</p> <p>(Note: In FY05, a total of 12 CARE grantees were selected.)</p>	<p>Joe Bruss</p>	<p>Work with regional EPA Offices in providing guidance on the TBA program and its application to the CARE program.</p> <p>Distribute TBA funding to regional EPA Offices to use in coordination with CARE program.</p> <p>Conduct TBAs in CARE communities.</p>	<p>With a combination of CARE funding and Brownfields TBA funding, CARE communities will have access to multiple funding sources to conduct media-wide assessment projects.</p>	<p>To date, targeted brownfields assessments have been conducted in several cities throughout the US including a greenspace riverfront redevelopment project in New Haven, CT and the Grace Hill Settlement Project's establishment of the Mary Meachum Freedom Crossing Site in St. Louis which will eventually be registered on the National Register of Historic Places. Other Regional CARE grantees are working closely with Brownfields staff to identify sites where perceived contamination is present. Among some of these projects include Pacoima Beautiful's identification of a 2-5 block area consisting of illegal auto dismantling facilities located next to a mobile trailer park in Los Angeles, CA, and the International District Housing Project's identification of former dry cleaning facilities and abandoned auto repair shops where Phase I assessments will be conducted located throughout downtown Seattle, WA.</p>

EJ Sub-Objective 6. Environmental Justice Assessment — *to conduct an assessment of the environmental justice indicators within affected communities as part of the decision-making process*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
<p>OBCR: In coordination with Duke University, conduct a study that evaluates the impact of public participation tools on the involvement of low-income and socio-economically disadvantaged communities in brownfields redevelopment decision-making.</p>	<p>Jennifer Wilbur</p>	<p>Conduct case studies in six states.</p> <p>Publish final report and distribute among governmental entities.</p> <p>This cooperative agreement was awarded in September 2005.</p>	<p>Governmental entities and brownfields stakeholders gain a better understanding of constructive approaches used to enhance public involvement in environmental justice communities. State directed public participation efforts and requirements may be enhanced or refined to assist low-income and socio-economically disadvantaged communities participate more effectively in brownfields redevelopment projects.</p>	<p>To date, twelve redevelopment sites in four states have been identified in socio-economically disadvantaged communities including the Historic Gardens site in San Antonio, TX and the Centro Place Neighborhood in Tampa, FL to list two. Interviews have been conducted with various stakeholders involved with the redevelopment at these sites. To date, case studies have not fully been completed in each community and therefore no final report or information has been disseminated to state brownfields programs or the EPA. Grant is still in early phase of development.</p>

EJ Sub-Objective 6. Environmental Justice Assessment — *to conduct an assessment of the environmental justice indicators within affected communities as part of the decision-making process*

<i>Activity</i>	<i>Lead Contact</i>	<i>Outputs</i>	<i>Outcomes</i>	<i>Results</i>
<p>OBCR: Coordinate with UNC Charlotte in the development of a nationally replicable methodology to empirically assess the social, economic and environmental benefits of brownfields redevelopment for low-to-moderate income communities. A hedonic pricing model will be used to identify the contributions of social, environmental, and economic changes to property values, which serves as a summation of the overall impact. This methodology can assist disadvantaged communities seeking to use brownfields as catalysts for holistic, sustainable community development.</p>	<p>Stacy Swartwood</p>	<p>Nationally replicable methodology to evaluate the wide range of benefits provided by brownfields redevelopment, including a set of criteria that communities will be able to use in order to make more informed decisions regarding brownfields affecting their neighborhoods.</p> <p>Standardized measures and statistical and economic models for application in communities across the US.</p> <p>Results will be disseminated through EPA, collaborative partners, scholarly journals, research symposia, conferences, and web-based media.</p> <p>An annual report and final report will be developed.</p> <p>This cooperative agreement was awarded in September 2005.</p>	<p>Disadvantaged communities will have a better idea of how to determine whether or not brownfields redevelopment options will result in holistic and sustainable community development.</p>	<p>The product is still in the development phase and no results have been reported to date.</p>