

EPA-REGION 8

Environmental Justice

Action Plan

2009

Enforcement, Compliance and Environmental Justice
U.S. Environmental Protection Agency



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Executive Summary

The EPA- Region 8 Environmental Justice Team (EJ Team) within the Policy, Information Management and Environmental Justice Program addresses a unique mix of urban, rural, and tribal issues shaped by the geography, culture and history of our mountain and plains states. The Region's EJ Team has been designed to address Environmental Justice (EJ) concerns in a manner responsive to the crosscurrents borne of our setting. EJ Team staff, along with technical, enforcement, and legal staff, address a wide range of issues and concerns. Recent strategic opportunities have included Mercury and Radon concerns, Lead program review, Environmental Justice Strategic Enforcement Assessment Tool (EJSEAT), Climate Change issues, and Children's Health concerns.

EJ Team resources are structured around six main goals:

- Identification of EJ Priority Areas
- Integration of EJ into Region 8 Teams
- Administration of EJ Grants
- External Outreach
- Data Management
- Evaluation of Program Effectiveness

In Region 8, EJ concerns typically arise from converging environmental concerns. EJ concerns are rarely amenable to resolution by a single entity. Accordingly, the EJ Team focuses resources on convening and facilitating multi-media/multi-agency efforts in collaboration with affected communities. The activities reported in the EJ Action Plan matrix reflect this approach. In the matrix, we highlight stakeholder partnerships to address EJ issues and concerns.

Management Accountability

Organizational Infrastructure and Management Support

- The Team was established to ensure attention to environmental and human health conditions of minority and low-income populations with the goal of achieving environmental protection for all communities.
- Region 8, the states, Indian tribes and affected communities in Region 8 will work together to correct and prevent inequitable environmental and public health impacts to any groups through effective implementation of policies and procedures that will include the following:
 - A. Raising awareness of EJ issues;
 - B. Identifying, assessing, addressing and responding to inequitable environmental impacts;
 - C. Managing procedures that will correct present and prevent future inequitable environmental impacts;

D. Communicating information to the public regarding opportunities for involvement in environmental decision making.

- The Director of the Policy, Information Management, and Environmental Justice Program (PJ) serves as the Region's Environmental Justice Coordinator, the Region's Enforcement Coordinator, and is a member of the Regional Leadership Team and meets regularly with the Senior Leadership Team to coordinate activities. The Senior Leadership Team establishes Region-wide direction and goals. Thus, the Director of the PJ Program is a senior level Manager that is well placed to address environmental issues and concerns.
- Evaluation of the EJ Team is conducted both through the annual performance cycle, and by accessing tangible impacts, project results, and by meeting targeted priorities. The impact of leadership from the EJ team is demonstrated by strategic planning, creating cross-program partnerships, and by establishing short range and long range goals.

Operational Resources/Program Support

- The EJ Team is incorporated into the Office of Enforcement, Compliance and Environmental Justice. From this organizational base, the EJ staff works closely with the Regional programs to incorporate EJ into agency activities.
- The EJ Team functions with a staff of four environmental justice coordinators. The EJ Team is managed by the Director of the Policy, Information Management and Environmental Justice Program.
- The overarching responsibility of the EJ Team is to integrate Environmental Justice into the Agency's core programs. Individual EJ staff assignments are designed to address specific environmental media or core functions. The assigned staffs are responsible for initiating activities, following-up on leads, evaluating program opportunities for collaboration, and providing appropriate program support.
- Each member of the EJ Team works to provide internal advocacy and education to assigned project teams. Each EJ staff person is proactive in enhancing EJ awareness to project team members.
- The EJ Team reviews State-EPA Performance Partnership Agreements (PPAs), to ensure that environmental justice principles are incorporated.

Internal Organizational Engagement

- The EJ Team has developed successful mechanisms to communicate with, receive input from, and engage other programs in the Regional office. The EJ Team participates on Regional standing committees and works actively with staff liaisons in the media programs. These committees include:

- Climate Change Workgroup
- Tribal Communications Workgroup
- Children's Health Workgroup
- Air Toxics Workgroup
- Enforcement Inspector's Projects
- Safe Drinking Water / Storm Water Projects
- Brownfields Teamwork
- Permit Writing
- Diesel Workgroup
- NEPA Teamwork
- Radon Team
- Lead Workgroup

The EJ Team highlights its efforts through presentations at national and regional conferences, public meetings, and training opportunities.

- The EJ Team utilizes the Geographical Information System (GIS) application to identify potential EJ communities. The use of GIS allows the EJ team to conduct preliminary assessments using the statistical characteristics of the potentially affected community.
- The EJ Team participates in national agency workgroups including:
 - NEJAC (National Environmental Justice Advisory Council)
 - EPA-State EJ Cooperative Agreement Work Group
 - National Grant Workgroup
 - Community Action for Renewed Environment (CARE) Steering Committee
 - EJ Regional Coordinator's Workgroup
 - EJSEAT Testing and Policy Workgroup
- The EJ Team effectively utilizes various internship programs and is committed to providing an enriching experience for student while meeting the goals of environmental justice. The mentoring of interns is intended to give the individual an experience that will be rewarding and career-shaping while leveraging our resources.
- The EJ Team will continue to gather data for testing the EJSEAT (Environmental Justice Strategic Enforcement Assessment Tool) , a new national assessment tool developed for OECA (Office of Enforcement and Compliance Assurance). This tool is designed for enforcement programs to consistently identify areas with potentially disproportionately high and adverse environmental and public health burdens. EJSEAT uses 18 select federally-recognized or managed databases and a simple algorithm to identify such areas. The data sets are divided into four categories: environmental, human health, compliance, and social demographics.
- The EJ Team will conduct an EJ Review in the Lead program to evaluate, continue to learn, and improve the way they consider EJ in the program's

decision-making process. This review will help determine whether the Lead programs policies, and activities have a disproportionately high and adverse health or environmental impact on minority and low-income populations.

External Stakeholder Engagement

- The EJ Team works with external stakeholders through project-specific initiatives, such as:
 - Mercury Outreach and Education on Tribal Lands
 - Mercury Outreach and Education in Hispanic Communities
 - Radon Outreach and Education
 - Clean Diesel / School Bus Retrofits
 - Asthma Education
 - Tribal Children's Health Summit

Through these activities, the EJ Team communicates with local governments, community groups, state agencies and other interested parties.

- The EJ Team has developed a website with information about EJ activities and opportunities. The website address is: <http://epa.gov/region8/ej>
- The national EJ program (OEJ-Office of Environmental Justice) has made available to the public 1-day classroom training and online training through NETI (National Enforcement Training Institute). The 1-day course explores the origins of the Environmental Justice Movement, perceptions and definitions of EJ, laws pertaining to EJ, and provides an overview of Geographic Information Systems ("GIS") and other analytical tools helpful in understanding the issues. Additionally, these trainings are designed to address topics including: what is environmental justice, the history of the environmental justice movement, EPA's commitment to environmental justice, the Agency's major EJ policies, an environmental justice indicators framework, various EJ tools, and how environmental justice can be integrated into EPA's programs and activities, using existing statutory and regulatory authority.
- The EJ Team conducts an annual Grant's Writing Workshop. The workshop is designed to provide information on the competitive grant programs EPA offers. These grants target nonprofit groups, tribal entities, academia and state and local governments.
- Annually, the EJ Team establishes an internal grant application review team in response to the various community-based grants applications including: CARE, EJ Small Grants, and Collaborative Problem Solving Grants. The EJ team solicits volunteers from various EPA programs to operate as expert grant reviewers of these competitive grants. Each reviewer thoroughly evaluates the qualities of the proposal related to the responsiveness to the mission, vision and guiding principles of the grant. Also, each reviewer will evaluate, score, and give written

comment on the project's purpose, goals, objectives, outcomes, work plan, the capacity of the partners; and the qualifications of project staff according to the criteria listed in the RFP (Request for Proposal).

- The EJ Team is utilized as technical experts for grants that are managed by EPA's OEJ (Office of Environmental Justice) headquarters' office. As technical experts, the EJ team reviews and synthesizes grant activities by continuously monitoring the development of project, tracking milestones, ensuring receipt of deliverables, assisting community in developing the project, ensuring that statutory and regulatory are met with internal grants policies and procedures, and by helping in research when necessary.

Data Collection, Management, and Evaluation

- The EJ Team maintains an interactive database of more than 600 community organizations, local governments, and partners. This database is utilized for education and community outreach by conducting annual mailings concerning EJ grant opportunities and EJ national newsletters
- The EJ Team has worked closely with the Enforcement Program to identify "potential areas of concern." During the case screening process, demographic information is developed for each potential case.
- The EJ Team uses GIS tools to map enforcement actions within the Region and does a comparison to potential EJ areas of concern.

Professional and Organizational Development

- The EJ Team has developed program-specific training materials with the objective of building a consistent baseline of knowledge about EJ, the integration of EJ practices into programs, policies, and activities, and to improve all levels of decision-making. Further, the EJ Team has developed training for Permit Writer's entitled, "EJ and Permits" and for new R8 employees entitled, "The Introduction to Environmental Justice." The EJ and Permits training was developed to train permit writers on how to incorporate EJ principles in the permits that are written within the Region. The Intro to EJ training for new employee is considered a blended-learning course which requires completion of two hours of a web-based online training module and two hours of classroom training. The overall EJ training strategy and learning focus on five major areas which include: 1) Public Participation and Accountability, Partnerships, Outreach, and Communication with Stakeholders; 2) Health and Environmental Research; 3) Data Collection, Analysis, and Stakeholder Access to Public Information; 4) American Indian and Indigenous Environmental Protection; and 5) Enforcement, Compliance Assurance, and Regulatory Reviews.

- The EJ Team continuously seeks ways to create awareness about global topics related to the environment, health, or Environmental Justice. The EJ team will host Lunch and Learn sessions (Brown Bags) to compliment EJ training, build internal capacity, and introduce new initiatives.

Environmental Justice Assessment

- The EJ Team utilizes the Geographical Information System (GIS) application to identify potential EJ communities. The use of GIS allows the EJ team to conduct a preliminary assessment using the statistical characteristics of the affected community. Low-income populations are identified using annual statistical poverty thresholds from the Bureau of the Census; current population reports, Series P-60 on Income and Poverty. Minority populations are identified as members of the following population groups: American Indian or Alaskan Native, Asian, Native Hawaiian and other Pacific Islander, Black or African American, and Hispanic or Latino.
- The EJ Team relies on various informational resources to conduct an EJ assessment. Again, statistical information provided by GIS is offered as guidance for determining what levels of minority and low-income residents exist in the community. In environmental injustice situations, the ultimate assessment endpoints include the potential for disproportionately high adverse impacts on environmental conditions, human health, and welfare (including economic and social welfare) in the community of concern compared with other communities. Because the definition of environmental justice assumes a relative comparison of impact (“disproportionate share of negative environmental consequences”), the indicators of community trends are examined within the context of the reference area outside the community. The EJ team conducts EJ assessment on an ongoing as requested by EPA programs.

Program Evaluation

- The EJ Team highlights accomplishments, and results of activities by way of its annual EJ action plan, presentations, fact sheets, posters, training opportunities, site-specific presentations, meetings, and Regional and national reporting mechanisms. Other mechanisms used to transplant the EJ programs mission, principles, and strategy is by creating practices that may be transferable and adopted by others in a different context. These modalities include: Lessons-learned Reports, Best Practices, Success Stories, Directives, and Policy formation. Further, these products are utilized to enhance capacity building efforts, strengthen program viability, and expand awareness concerning Environmental Justice.

Region 8 Environmental Justice Action Plan

Section 1: Performance Measures Matrix Highlights

FY09 EJ Review and Robust-Result Oriented Activities

Robust Results-Oriented Activities:

1. Clean Diesel Initiative:

Diesel engines emitting 7.3 million tons of smog-forming nitrogen oxides and 333,000 tons of soot annually are linked to thousands of premature deaths, hundreds of thousands of asthma attacks and millions of lost work days. EPA's grants are beginning to lower emissions from the diesel engines already in use through innovative programs and practices.

Retrofitting buses results in significantly reduced tailpipe emissions and has demonstrated reductions in concentrations of in-cabin particulate emissions by more than 50%. Additionally, the installation of anti-idling devices further reduces both tailpipe and in-cabin emissions and significantly reduces fuel use.

Region 8 is working with its state partners to broaden the reach of the EPA’s Clean Diesel Initiative. Together with local agency and

Activities	Output	Applicable Outcome Measure			Point of Contact
<p>Clean Diesel Initiative:</p> <ul style="list-style-type: none"> ▪ In partnership with the State of Colorado and Region 8’s Clean Diesel program, use the learning from the Pueblo School Bus Retrofit initiative to encourage and accomplish the retrofitting of school buses in Colorado’s rural communities. 	<p>Reduce diesel emission by retrofitting school buses in Colorado’s rural and low-income communities. (Target: 100 buses in 2009)</p>	<p>1. Develop a curriculum for and hold seminars for West Slope school districts and allied communities to explain how to reduce diesel emissions from school buses. 2. Support community outreach to institute anti-idling programs.</p>	<p>1. Develop and publish an RFP with the Districts to initiate the project. 2. Publish guidelines for anti-idling programs.</p>	<p>1. In partnership with school districts, fund the project, oversee the installation process and deploy 100 retrofitted buses. 2. Working with local agencies and communities implement two anti-idling programs.</p>	<p>Michael Wenstrom, 303-312-7009</p>

community partners, the Region is fostering the installation of diesel retrofits and fuel efficiency technologies in school buses across Colorado. The immediate target communities are spread across the state’s Western Slope. As a part of this initiative, the Agency will also provide support to community-driven anti-idling initiatives in Utah.

2. Lead-Based Paint Project:

Many houses built prior to 1978 have paint that contains high levels of lead. Lead from paint chips, and dust can pose serious health hazards. Lead exposure happens by breathing or swallowing lead dust, or by eating soil or paint chips containing lead. In children, lead can cause nervous system and kidney damage; learning disabilities, attention deficit disorder and decreased intelligence; speech, language and behavior problems; poor muscle coordination; decreased muscle and bone growth; and hearing damage. In adults lead can cause an increased chance of illness during pregnancy; harm to the fetus, including brain damage or death; fertility problems in

both men and women; high blood pressure; digestive problems; nerve disorders; memory and concentration problems; and muscle and joint pain.

The EJ team will be working closely with the Lead Program, the Tribal assistance program, and the Eastern Shoshone and Northern Arapaho Tribes located on the Wind River Reservation in Wyoming. Wind River is the seventh-largest reservation in the United States, encompassing a land area of 3,473.272 sq miles, in Fremont County. There are 714 homes built before 1939 on the reservation. The EJ team will be testing over 400 homes for lead utilizing a portable XRF (X-Ray Fluorescence) device. The XRF device determines the presence of lead in paint and indicates the relative depth of the lead (i.e. whether the lead is in the surface layer of paint or buried underneath layers of non-lead based paint). As a part of this initiative, the EJ program will provide education and outreach to community members and support to the Eastern Shoshone and Northern Arapaho Tribes for remediation planning.

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term	Intermediate	Long-term	

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term	Intermediate	Long-term	
<p>Lead Base Paint:</p> <ul style="list-style-type: none"> ▪ Identification of the location of homes built prior to 1978 on the Wind River Reservation in Wyoming. 	<ul style="list-style-type: none"> • GIS Mapping of the identified homes on the Wind River Reservation. • Testing for lead based paint in 400 homes on the Wind River Reservation. • Provide education and outreach materials. 	<p>People that live in the identified homes will be made aware of the serious health hazard, prevention measures, and ways to reduce risk.</p>	<p>Homes that are identified with lead-based paint will be mapped and information will be shared with the entities that may be able to permanently remove the lead hazards or permanently remove children and pregnant women from these homes.</p>	<p>This project will lead to a reduction in adult and children Lead exposures in homes. The health related hazards will be reduced on this reservation which may lead to a healthier community.</p>	<p>Nancy Reish 303-312-6040 Jean Belille 303-312-6556</p>

Environmental Justice Review: Lead Program

OEJ: Toxics – Reduced Incidence of Elevated Blood Lead Levels

OPPTS: Children and Lead Poisoning (Training, Reduction and Exposure)

Activities	Output	Applicable Outcome Measure	Point of Contact
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		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
EJ Review of Lead Program in Region 8	A report created for Region 8 by the EJ Team and the Lead Team that evaluates the effectiveness of the lead program in potential Region 8 EJ areas.	Personnel in the Region 8 and State Lead Programs will gain further awareness of Environmental Justice.	Lead Program personnel increase their knowledge and skills to effectively implement EJ principles in their program work.	Lead Program personnel fully incorporate EJ into their work.	Nancy Reish 303-312-6040 Michael Wenstrom 303-312-7009 Tami Thomas Burton 303-312-6581 Jean Belille 303-312-6556

Region 8 FY09 Environmental Justice Action Plan

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	

Section 2: Performance Measures Matrix

Overview

<p>Asthma Outreach on Tribal Lands</p> <ul style="list-style-type: none"> Partner with the EPA's Office of Environmental Information (OEI) and select tribal communities in Montana to develop culturally-appropriate asthma education and outreach information. 	<p>A series of tools and processes which assist tribal members to better manage and monitor asthma. Make these tools available nationwide through various EPA communication channels.</p>	<p>Increase awareness through a series of interviews and focus group sessions to assess the level of knowledge of asthma</p>	<p>Share information and teach culturally appropriate practices to encourage good health practices re: asthma</p>	<p>Tribal members provided with tools which allow and encourage them to share good and safe practices within their community.</p>	<p>Tami Thomas-Burton , 303-312-6581 Nancy Reish, 303-312-6040 Michael Wenstrom, 303-312-7009</p>
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Activities	Output	Applicable Outcome Measure	Point of Contact
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<p>Radon Reduction:</p> <ul style="list-style-type: none"> Partner with Pueblo community, City/County Health Dept/State of Colorado to test for radon, foster remediation and enable EJ communities to effect necessary fixes and to create a model for other, similarly affected communities. 	<p>Test 100 homes in Salt Creek and Pueblo West communities for radon and remediate low income homes in these neighborhoods</p>	<p>Increase awareness of the high radon levels in Pueblo Develop outreach materials and workshop presentations.</p>	<p>Develop and train a <i>Pueblo Radon Promotora Corps</i> to teach low income home owners how to remediate their properties and reduce exposures.</p>	<p>Instill basic knowledge of radon issues and provide sustainable tools and resources for education, testing and remediation</p>	<p>Michael Wenstrom, 303-312-7009</p>
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Each of the Activities described below is aligned with the Agency’s Environmental Justice goals as identified by the Office of Environmental Justice, each of the five National Program Offices and Region 8 priorities.

- Goal 1:** Clean Air and Global Climate Change
Objective 1: Reduction in number of asthma attacks
- Goal 1:** Clean Air and Global Climate Change
Objective 2: Reduce exposure to air toxics (e.g., reduce releases of mercury)

		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
CARE Level 1 grant and partnership with Garfield County Health Department	Being a part of the planning, coordination and implementation of the partners group and helping communities identify environmental concerns.	Educate the County and communities on environmental issues and their potential health impacts.	Building partnerships within EPA and other Agencies and communities to use voluntary programs to reduce air pollution impacts indoors and out.	Reduction in Air Toxics in Garfield County.	Jean Belille 303-312-6556 Nancy Reish 303-312-6040
Manage CARE Level 1 - Grant with City and County of Denver / West Denver Cares	Development of a community environmental action plan.	Educate the community on toxic awareness and analyze toxic risk.	Building partnerships within EPA, leveraging EPA's voluntary programs to reduce air pollution impacts.	Create self-sustaining community-based partnerships with the capacity to identify local environmental threats.	Tami Thomas-Burton, 303-312-6581

<p>Clean Diesel School Buses:</p> <ul style="list-style-type: none"> ▪ In partnership with the State of Colorado and Region 8's Clean Diesel program, use the learning from the Pueblo School Bus Retrofit initiative to encourage and accomplish the retrofitting of school buses in Colorado's rural communities. 	<p>Reduce diesel emission by retrofitting school buses in Colorado's rural communities. (Target: 100 buses in 2009)</p>	<p>Develop a curriculum for and hold seminars for West Slope school districts and allied communities to explain how to reduce diesel emissions from school buses.</p>	<p>Develop and publish an RFP with the Districts to initiate the project.</p>	<p>With the Districts, fund the project, oversee the installation process and deploy the retrofitted buses.</p>	<p>Michael Wenstrom, 303-312-7009</p>
<p>Community-based Mercury Initiative:</p> <ul style="list-style-type: none"> ▪ Partnering with the Region 8 Air Toxics group, CDPHE, the community and Rocky Mountain Steel Mills (RMSM), work to reduce mercury emissions from the mill 	<p>Reduced stack emissions of mercury from</p>	<p>Work with community and RMSM to audit the company's mercury switch removal program.</p>	<p>Work with Rocky Mountain Steel Mills (RMSM) to increase the number of annual mercury emissions stack tests.</p>	<p>Continuing monitoring stack emissions to establish a baseline. Continuing discussions on mitigation strategies.</p>	<p>Michael Wenstrom, 303-312-7009</p>

<p>Mercury Outreach on Tribal Lands</p> <ul style="list-style-type: none"> Work with the EPA's Office of Environmental Information (OEI) and select tribal communities in Montana to develop culturally-appropriate mercury education and outreach information. 	<p>A series of tools and processes which assist tribal members to minimize exposure to mercury. These tools will be made available nationwide through various EPA communication channels.</p>	<p>Increase awareness through a series of interviews and focus group sessions to assess the level of knowledge and interest in mercury</p>	<p>Share information developed in data collection to encourage effective avoidance of mercury.</p>	<p>Tribal members provided with tools which allow and encourage them to share good and safe mercury avoidance practices within their community.</p>	<p>Tami Thomas-Burton, 303-312-6581 Michael Wenstrom 303-312-7009 Nancy Reish, 303-312-6040</p>
<p>Mercury Outreach in Latino Communities</p> <ul style="list-style-type: none"> Work with the EPA's Office of Environmental Information (OEI) and Denver and Pueblo's Latino communities to develop culturally-appropriate mercury education and outreach information. 	<p>A series of tools and processes which assist Latino community members to minimize exposure to mercury. These tools will be made available nationwide through various EPA communication channels.</p>	<p>Increase awareness through a series of interviews and focus group sessions to assess the level of knowledge and interest in mercury.</p>	<p>Share information developed in data collection to encourage effective avoidance of mercury.</p>	<p>Community members provided with tools which allow and encourage them to share good and safe mercury avoidance practices within their community.</p>	<p>Michael Wenstrom, 303-312-7009 Tami Thomas-Burton, 303-312-6581</p>

Goal 2: Clean and Safe Water
Objective 2: Clean and safe drinking water

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
CARE Level 1 grant with Garfield County Health Department	Being a part of the planning, coordination and implementation of the partners group and helping communities identify environmental concerns.	Education about the possible drinking water contamination that could be occurring from spills, Oil and Gas activities, and other sources.	Working with the County and community members to identify where pollution of water is occurring or may occur.	Safe Drinking water for those who live in close proximity to Oil and Gas Development in Garfield County.	Jean Belille, 303-312-6556 Nancy Reish, 303-312-6040
CARE Level 2 Rocky Mountain College grant designed to reduce toxics in Indian Country	Creation of processes where communities utilize EPA voluntary programs to reduce toxins.	Through Rocky Mountain College, Communities and Tribes will be educated on water sampling and analysis to assess their drinking water.	Creation of collaborative partnerships that address water issues on at least one Indian Reservation in Montana.	Reduction in water pollution in at least one Montana Reservation.	Nancy Reish, 303-312-6040

Goal 3: Land Preservation and Restoration
Objective 1: Revitalization of Brownfields and Contaminated Sites

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
Brownfields/Flood Control <ul style="list-style-type: none"> ▪ Work with the City of Pueblo to create a flood control plan for Peppersauce Bottoms using Brownfields funds to initiate the development of fourteen stormwater catchment basins. 	Reduce the incidence of flooding of the Peppersauce Bottoms neighborhood	Monitor City Flood Control plans and investments. Inform the community of such plans.	As plans are considered, work with and assure that the community is involved in their design.	Help the community to build capacity to monitor the effect of the flood control measures and assure that they can suggest effective changes, where necessary.	Michael Wenstrom, 303-312-7009
Tribal Recycling Project CARE Level II Rocky Mountain College grant	A recycling project that will reduce toxins on one or more Montana Indian reservations.	Educate and encourage the residents of one or more Indian Reservation on the benefits of recycling.	Encourage residents to reduce, reuse, and recycle solid waste in their communities.	Reduce toxins through recycling.	Nancy Reish , 303-312-6040

Goal 4: Healthy Communities and Ecosystems

Objective 2: Collaborative problem-solving to address environmental justice issues

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
CARE Level 1 - Garfield County Health Department	Creation of a network of knowledgeable professionals and community groups available to work on environmental and EJ issues.	Working with various partners to increase the County's ability to collaborate and work with community members.	Understand the empowerment potential of community based, community driven multi-media projects.	Reduction in Environmental Issues in Garfield County.	Jean Belille 303-312-6556 Nancy Reish 303-312-6040
Administration of Grants and Projects.	Train and work with communities.	Create an understanding of community based, community driven multi-media projects.	Creation of collaborative partnerships that address environmental issues in EJ communities.	Reduction in toxics in individual EJ communities.	Nancy Reish 303-312-6040 Jean Belille 303-312-6556 Michael Wenstrom 303-312-7009 Tami Thomas-Burton 303-312-6581

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
CARE Level II Rocky Mountain College grant designed to reduce toxics in Indian Country	Creation of processes where communities utilize EPA voluntary programs to reduce toxins.	Through Rocky Mountain College, Communities and Tribes will be educated on environmental contaminates that exist within their communities.	Creation of collaborative partnerships that address environmental issues on these four Indian Reservations in Montana.	Reduction in toxics in four Montana Reservations.	Nancy Reish 303-312-6040

Goal 4: Healthy Communities and Ecosystems

Objective 3: Revitalization of brown fields and contaminated sites

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
<p>Targeted Brownfields Assessment (TBA) support to West Denver Cares / CARE Level 1 project:</p> <p>Targeted Brownfields Assessment for communities defined by eight geographically contiguous neighborhoods (Barnum, Barnum West, Sun Valley, Valverde, Villa Park, West Colfax, Auraria/Lincoln Park and Baker)</p>	<p>Collaboration with community to identify and select site for assessment.</p>	<p>By Educating community partners on the Brownfields process, the community gains a better understanding of contamination of property and where further investigation or cleanup is needed.</p>	<p>Identifying and selecting a candidate site for a Level 1 assessment.</p>	<p>Brownfield assessment performed in community receiving CARE funding.</p>	<p>Tami Thomas-Burton 303-312-6581</p>

Goal 5: Compliance and Environmental Stewardship

Objective 1: Ensure Compliance

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
Enforcement Actions and Potential EJ Areas Project	GIS Mapping of entire Region to show enforcement activity.	To educate the Regional Enforcement Programs about the percentage of enforcement actions in EJ areas.	To ensure that EJ areas are included in enforcement actions.	To provide equal protection to all populations within the Region.	Nancy Reish 303-312-6040
Apply EJ SEAT tool testing and participate in policy development activities.	New tool for inspectors to use in identifying and assessing potential EJ areas with disproportionate environmental health burdens so they are conducting inspections in both EJ and non-EJ areas.	To educate the Regional Enforcement Programs about the percentage of enforcement actions in EJ areas.	To ensure that EJ areas are included in enforcement actions.	Increase Enforcement Inspectors capacity to identify areas with disproportionate environmental health burdens and compliance activities in these areas.	Nancy Reish 303-312-6040

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
SEPs (Supplemental Environmental Projects) <ul style="list-style-type: none"> ▪ Continue to develop community-based SEPs in the Region’s enforcement settlements. ▪ Track changes in Agency SEP policy and share with Enforcement staff 	Increase the number of SEPs attaching to both administrative and judicial enforcement cases.	Publicize current EPA policy and practices on SEPs, using current examples. Encourage SEP inclusion among Technical and Legal Enforcement staffs.	Provide tools and channels which offer convenient access to resources to develop and monitor SEPs	Respond to Enforcement staff requests to create SEP language.	Michael Wenstrom, 303-312-7009
EJ-NEPA	Attend meetings, evaluate public process, and review NEPA documents by providing comments as appropriate on EJ.	Review and comment on EJ portions of draft EIS, and EA’s.	EJ considerations are adequately presented.	EJ issues are resolved during the NEPA review process and Final EIS avoids or mitigates impact to EJ communities.	Tami Thomas-Burton, 303-312-6581

Cross Cutting Strategies:

Objective: Internal Capacity Building (e.g., internal program management)

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
EJ in Region 8 States: Outreach to foster the development of EJ-specific laws, regulations and/ or guidance in each of the Region 8 states to focus and assist with each state's EJ efforts.	Active partnerships in EJ communities with each of the six Region 8 states.	Introduce EJ principles to each state (meetings/conference calls/EJ Training) Introduce meaningful EJ language in PPAs.	Creation of policies, guidances in Region 8 state governments. Engage states in potential EJ projects. Develop partnerships on these issues.	Respond to state initiatives and partner with states on EJ-related projects	Michael Wenstrom, 303-312-7009
Coordination with Region 8 Tribal Activities Program	Active, cooperative working relationship with the Region's Tribal Activities Program (TAP)	Establish regular meeting times with TAP staff and share opportunities for EJ assistance on Tribal Lands.	Work collaboratively with TAP on tribal issues	Make EJ an organic part of engaging with the tribes.	Tami Thomas-Burton, 303-312-6581 Michael Wenstrom, 303-312-7009
Coordination with Region 8 Climate Change Activities and Strategy	Active, cooperative working relationship with the Region's Climate Change Coordinator and Workgroup	Attend regular meeting times with Climate Change Workgroup and share opportunities for EJ assistance.	Work collaboratively with Climate Change Workgroup on EJ issues	Make EJ an organic part of Climate Change issues.	Tami Thomas-Burton, 303-312-6581

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
EJ Basic Training	Train all new and recently employed R8 personnel on the fundamentals of Environmental Justice.	New and recently employed R8 personnel gain awareness of Environmental Justice.	New and recently employed R8 personnel have knowledge and skills to effectively exercise EJ practices in their program work.	New R8 employees fully incorporate EJ into their work.	Tami Thomas-Burton 303-312-6581
EJ Lunch and Learn Series	Host Lunch and Learn sessions for Region 8 employees concerning global environmental and health issues.	Region 8 employees will have an opportunity to increase knowledge on global issues concerning the environment, health, and environmental justice.	Region 8 employees will gain awareness of new initiatives and critical global activities.	Improved communication throughout the agency concerning environmental justice issues.	Tami Thomas-Burton, 303-312-6581

Activities	Output	Applicable Outcome Measure			Point of Contact
		Short-term (awareness)	Intermediate (behavior)	Long-term (condition)	
EJ Grant Activities: Collaborative Problem Solving Grant (EJ-CPS, Cooperative Agreement) – Leap High of the San Luis Valley, CO.	Provide technical assistance for household drinking water well project.	Grant recipients refine, clarify, and establish priorities.	Grant recipients and community participants develop strategies to provide household drinking water well testing.	Grant recipient achieves environmental and health objectives identified in grant proposal.	Tami Thomas-Burton 303-312-6581