

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 1: Clean Air and Global Climate Change

Objective 1: Reduction in number of asthma attacks (e.g., reduce asthma triggers such as particulate matter)

| Activities | Projected Output | Projected Outcome | Point of Contact |
|---|--|--|---|
| <p>Training, education, and outreach on indoor air with state and local agencies, schools, and community organizations, for example Tools for Schools. EPA Region 9 promotes healthier learning environments for children through several programs, including a coordinated EPA effort working with schools to assess environmental conditions, educate, and reduce impacts ("Healthy School Environments Initiative" or "Healthy SEAT").</p> | <p>Training, education, and outreach on indoor air with state and local agencies, schools, and community organizations, for example Tools for Schools.</p> | <p>More students, teachers, and parents educated about asthma, e.g. 250 students in San Diego. In 2006, we will continue working with the Los Angeles Unified School District and others in California and Arizona to use Healthy SEAT to measure, prioritize, track and demonstrate reductions in environmental health hazards (e.g., lead, asbestos, chemicals, and mold).</p> | <p>Mike Bandrowski, 415/947-4194 Bandrowski.mike@epa.gov</p> <p>For Health SEAT, LA Unified School District, and children's health Bill Jones 213/244-1817 Jones.bill@epa.gov</p> |
| <p>Work in the Ports of Los Angeles and Long Beach to reduce diesel emissions.</p> | <p>Upgrade equipment, especially for ocean going vessels used by large retailers.</p> | <p>Measures would include funds leveraged for Port retrofits, incentives created for large retailers to contribute to cleaner equipment.</p> | <p>Bill Jones Jones.bill@epa.gov 213-244-1817</p> |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

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| West Coast Diesel Collaborative | Region 9 is leveraging over \$2 million to reduce diesel emissions from both trucks and locomotives in the Los Angeles area. | The overall project is expected to reduce annual emissions of nitrogen oxides by approximately 17 tons and particulate matter by almost a half ton. | Lynn Kuo (415) 972-3501 kuo.lynn@epa.gov |
| In San Joaquin Valley, home to perhaps 650,000 farmworkers, EPA Region 9 is reducing air and other emissions | Upgrading agricultural equipment, trucks, and school buses and finding less polluting technologies in the dairy industry. | Identify sites, participants, and funding for three dairy manure treatment pilot projects, Start construction of one comprehensive dairy manure treatment pilot | Katherine Taylor 415/972-4201 taylor.katherine@epa.gov |
| Support West Oakland Toxic Reduction Collaborative, including Healthy Homes/Indoor Air workgroup | Compile a healthy homes checklist tool Train resident leaders to use the checklist tool to implement mitigation measures in local homes | At least 25 residents trained, at least 50-100 homes inspected | Karen Henry 415/972-3844 henry.karen@epa.gov |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 1: Clean Air and Global Climate Change

Objective 2: Reduce exposure to air toxics (e.g., reduce releases of mercury)

| Activities | Projected Output | Projected Outcome | Point of Contact |
|---|---|---|--|
| Community-based program and projects: Address cumulative impacts and meaningful involvement | Implement projects in West Oakland, Huntington Park, South Phoenix, port projects, border projects, and West Coast Diesel Collaborative | Increased consideration of cumulative impacts and meaningful involvement | Richard Grow 415 947-4104 grow.richard@epa.gov |
| Reduce Hazardous Air Pollutants (HAPs) in South Phoenix | Providing Environmental Management System training and P2 technical assistance to partners (21 at present). | Partner companies reduce HAP emissions by 5,000 pounds (20%) by 2007, save 1,000 BTUs, reduce 4,000 gallons water | Leif Magnuson 415/972-3286 magnuson.leif@epa.gov |

Goal 2: Clean and Safe Water

Objective 1: Safe fish/shellfish

| Activities | Projected Output | Projected Outcome | Point of Contact |
|---|---|---|--|
| McCormick Baxter Superfund site, Stockton, CA: Sediment contamination in Old Mormon Slough, which is part of the site, is contributing to fish contamination in the area. | Complete the sediment remedy and reduce risks to Hispanic and Asian communities near the Site who could be exposed through subsistence fishing | Complete construction of sediment cleanup | Marie Lacey 415/972-3163 Lacey.marie@epa.gov |
| The CALFED Bay Delta Program funds the Delta Watershed Fish Project to reduce human exposure to mercury | Examine fish contamination patterns, explore the impacts of landscape changes on mercury levels, and conduct risk communication. The Program will also implement an environmental justice summit. | Improved awareness of mercury risks by affected population. | Luisa Valiela 415/972-3400 valiela.luisa@epa.gov |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 2: Clean and Safe Water

Objective 2: *Clean and safe drinking water*

| Activities | Projected Output | Projected Outcome | Point of Contact |
|---|---|--|--|
| Support wastewater and drinking water infrastructure improvements for the Mexico Border communities who do not have access to these basic services | Finalize planning, design and construction of 7 Mexico Border waste water projects and continue funds to Border waste water projects | By 2012, promote a 25% increase in the number of homes connected to potable water supply and wastewater collection system. | Evelyn Wachtel 415/972-3410 wachtel.evelyn@epa.gov |
| W2a. Effective infrastructure grants management towards Tribal wastewater and drinking water projects | Provide funding through Tribal Set-Asides (CWA) Wastewater, (SDWA) Drinking Water, and Tribal Border Program grants | Funds will be used to address surface water issues, provide 7 new drinking water sources, and provide 30 adequate wastewater sanitation projects on Tribal lands in FY06 | Sara Jacobs 415/972-3564 jacobs.sara@epa.g Loretta Vanegas 415/972-3433 vanegas.loretta@epa.gov Linda Reeves 415/972-3445 reeves.linda@epa.gov |
| CED. Work toward bringing 24-Hour Drinking Water to Saipan, Commonwealth of the Northern Mariana Islands (CNMI): Partner with the Governor's Water Task Force to bring 24-hour water to Saipan. | Completing system-wide leak detection and the installation of smart water meters; revising the rate structure to provide conservation incentives; increasing system-wide flow through new wells; and enhancing water storage and transmission through new construction. | Increase the percentage of time safe drinking water is available to Saipan residents | John McCarroll 415/972-3774 mccarroll.john@epa.gov |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 4: Healthy Communities and Ecosystems

Objective 1: Reduction in elevated blood lead levels

| Activities | Projected Output | Projected Outcome | Point of Contact |
|--|---|--|---|
| <p>CED. EPA prevents childhood lead poisoning by ensuring the disclosure of lead-based paint hazards before property is sold or leased; by ensuring a pool of trained workers is available to perform lead-based paint activities in a safe manner; by ensuring disclosure before a contractor disturbs lead-based paint, and by working with our partners to educate the general public, especially in high-risk areas.</p> | <p>Region 9's efforts will be targeted in geographic areas with high levels of known childhood lead poisoning or with factors that indicate high potential for lead poisoning (older housing, children under six living below the poverty level, low income housing with lead-based paint). Manage grants for vulnerable populations, including tribes, for lead poisoning income housing with lead-based paint).</p> | <p>This year, EPA will test children in Arizona and three tribes for blood lead levels and conduct baseline assessments at four tribes. Assessment of the number of children screened and the resulting blood lead levels will inform us of the extent of the lead poisoning problem in tribal lands and Arizona. We will work with our state and tribal partners to certify 6,300 individuals and firms to conduct lead-based paint activities in a safe manner. We will work with state, local and non-governmental partners to provide general lead education and outreach to 17,000 individuals.</p> | <p>Paula Bisson 415/947-4184 bisson.paula@epa.gov</p> |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 4: Healthy Communities and Ecosystems

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

| Activities | Projected Output | Projected Outcome | Point of Contact |
|--|--|---|--|
| AIR/CED. Reduce Environmental Exposure in Pacoima, CA: Lead Poisoning Prevention project and a multi-media Community Action for a Renewed Environment (CARE) project | Identify and understand at least four sources of toxics in the community and establish at least ten priorities to reduce toxic risks | Improved community understanding of environmental exposure in Pacoima | Karen Henry 415/972-3844 henry.karen@epa.gov |
| CED. Anahola – Project Imua in Kauai, Hawaii: Addressing impacts to the river, drinking water, and solid waste disposal from a departed sugar cane processing facility | 20-acre solid waste map, water sampling results, and recommendations | Create plan for and leverage \$1 million in funds to develop Native Hawaiian community center | Debbie Lowe 415/972-3844 lowe.debbie@epa.gov |
| CED. Marin Community Collaborative Project to Reduce Environmental Exposure and Risk: Characterize cancer incidence and environmental risks in Marin City and the “Canal District” of the City of San Rafael, CA | Collect community questionnaires on cancer incidence and other health issues. Analyze two soil and ten water samples in each community to identify chemicals of concern. The partnership will then provide results to residents. | Improved community understanding of health and environmental risks in Marin City and the Canal District of San Rafael | Karen Henry 415/972-3844 henry.karen@epa.gov |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 4: Healthy Communities and Ecosystems

Objective 3: *Revitalization of brown fields and contaminated sites*

| Activities | Projected Output | Projected Outcome | Point of Contact |
|---|--|---|--|
| <p>The Region 9 Brownfields Program gives grants for assessment, cleanup, job training, and revolving loan funds in hazardous waste and petroleum sites. Grant workshops held in areas that respond to requests for applications. More outreach will be conducted in smaller cities and rural areas. It also provides Targeted Brownfields Assessments to Tribes and other communities.</p> | <p>Examples of EJ communities that are implementing brownfields programs include Gila River Tribe, Tohono O’odham Nation, White Mountain Apache Tribe, Richmond, CA, East Palo Alto, CA, Salt River Pima-Maricopa Indian Community, West Sacramento, CA, Anahola, HI, and Ely Shoshone Tribe. In FY06, we expect to award 20 to 30 new grants.</p> | <p>The success of EPA’s Brownfields Program is measured in many different ways. Regional accomplishment figures, such as the number of properties assessed and jobs leveraged, provide a high-level measure of success. Success can be measured in less traditional ways through personal stories of those communities that have used EPA funding to restore brownfields to productive use. For example, this year, a community-based foundation in South Central Los Angeles will begin cleanup of soil and groundwater to allow a dance theater studio to provide after-school and Saturday programs for low-income, at-risk youth. In Richmond, the Community Housing Development Corporation will start cleanup to create new affordable housing units that will provide jobs for at-risk youth and adults during construction.</p> | <p>Carolyn Douglas Douglas.carolyn@epa.gov 415/972-3092 Deirdre Nurre Steve Linder 415/972-3369 nurre.deirdre@epa.gov linder.steven@epa.gov April Katsura 415/972-3364 katsura.april@epa.gov</p> |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 5: Compliance and Environmental Stewardship

Objective 1: Ensure Compliance

| Activities | Output | Outcome | Point of Contact |
|---|---|--|--|
| Develop methodology to identify the Region's most environmentally burdened communities | Analysis, targeting, and coordination | Improved regulatory enforcement in EJ areas | Debbie Lowe 415/947-4155 lowe.debbie@epa.gov |
| Continue to negotiate "Supplemental Environmental Projects" to bring community benefits as part of enforcement settlements. | Improve systems for encouraging more SEPS with environmental justice benefits | Number of SEPS negotiated and community benefits. For example, a San Jose landlord will perform lead hazard abatement work worth \$138,539 on at least 20 of the landlord's oldest units where children reside. Romic Environmental Technologies will not only pay a \$67,888 penalty for hazardous waste violations in the Gila River Indian Reservation, but it will also spend \$100,800 on life-saving equipment for the fire department and air monitoring and meteorological equipment for the Tribe's environmental agency. | Jim Grove 415/947-4263 grove.jim@epa.gov |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Cross Cutting Strategies

Objective 1: Internal Capacity Building (e.g., internal program management)

| Activities | Projected Output | Projected Outcome | Point of Contact |
|--|--|--|---|
| <p>CED. Build Tribal Capacity through Technical Assistance and Funding: The Tribal Program Office provides technical assistance and funding needed to increase the number of tribes that are implementing environmental programs, monitoring reservation environments, implementing regulatory codes and ordinances, improving solid waste management, and closing open dumps.</p> | <p>In FY06, in support of tribal programs, we will manage over \$15 million in annual grants to over 130 tribal governments. In some cases, this work will result in EPA authorization of tribal programs; in others tribes will act on their own authority. We will also support the Region's work with tribes by training EPA employees, improving tribal policies through the Regional Tribal Operations Committee, training tribal representatives through our annual conference and monthly newsletter, publicizing tribal accomplishments through a yearly accomplishments report and our web site, and leading national policy through our role as lead region for tribal programs.</p> | <p>Number of Tribes with Environmental Programs – 131 Tribes monitoring reservation environments – 75 Tribes with an environmental regulatory system, such as codes, ordinances, or lease approvals – 50 Tribes with EPA program approvals, authorizations, or delegations – 5 Tribes completing an assessment of their administrative and financial capacity to manage EPA funds – 80 Tribes completing an inventory of the reservation environment – 75 Tribes completing an environmental plan – 60</p> | <p>Clancy Tenley 415/972-3785 Tenley.clancy@epa.gov</p> |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

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| <p>CED. Lead Region 9 Border 2012 Program: In FY06, CED assumes leadership of Region 9's "Border 2012: U.S.-Mexico Environmental Program" (Border 2012).</p> | <p>To protect the environment and public health in the border region, we will continue to implement the 10-year bi-national program with our partners, which include EPA's counterpart in Mexico, SEMARNAT; 10 states on both sides of the border; 26 US tribes and 7 groups of Mexican Indigenous People; and 14 "Sister Cities" or points of entry, along the 2,000 mile border.</p> | <p>Reduce water contamination (e.g. improve tribal wastewater systems), reduce air pollution (e.g., retrofit over forty diesel trucks in San Diego-Tijuana and schoolbuses in Nogals), reduce land contamination (e.g., work toward cleanup Centinela, a 1.2 million scrap tire abandoned site), improve environmental health (e.g., dispose of unwanted pesticide stockpiles in Arizona/Sonora), reduce exposure to chemicals (e.g., revise half of sister city emergency preparedness plans to include preparedness and prevention exercises), and improve environmental performance (e.g., by 2006, increase by 50% the number of industries along the U.S.-Mexico border implementing voluntary compliance and/or self-audits as compared with 2003). We continue to implement a Mexicali project to remove up to 16 million gallons per day of raw sewage from the New River. We will also seek partners and funding for monitoring of discharges to the river from the Rio Hardy and Mexicali II wastewater treatment facilities. Nearly \$1.4 million will be invested in projects and efforts in the air, land, and water.</p> | <p>Nate Lau 415/972-3839 lau.nate@epa.gov</p> |
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Region 9 Environmental Justice Action Plan 2006
March 2, 2006

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| <p>CED. The Pacific Islands Team provides technical assistance, Federal enforcement, and administers consolidated grants that support all program areas in Guam, CNMI, and American Samoa. It also provides technical assistance to the freely associated states of the Palau, Marshal Islands, and the Federated States of Micronesia. It also coordinates regional environmental activities.</p> | <p>Region 9 safeguards the environmental health of Guam, CNMI, and American Samoa by improving water infrastructure, closing open dumps, and cleaning up hazardous waste sites. It builds local environmental protection capacity by providing resources, technical assistance, and training.</p> | <p>For example, help bring 24-hour water supply to Saipan, use Federal enforcement actions in Guam and CNMI to lead to new and improved wastewater and drinking water systems in Guam and CNMI, reduce leptospirosis risk in American Samoa, and establish an agreement with CNMI to improve safety of handling unexploded ordnance.</p> | <p>John McCarroll 415/972-3774 mccarroll.john@epa.gov</p> |
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Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Other Region 9 Environmental Justice Activities, by EPA Strategic Plan Goal

Goal 4: Healthy Communities and Ecosystems

Objective 4.2: Sustain, clean up, and restore communities and the ecological systems that support them

Subobjective 4.2.1. Sustain Community Health

Subobjective 4.2.2. Restore Community Health

| Activities | Projected Output | Projected Outcome | Point of Contact |
|---|--|--|--|
| CED. EJ Listening Session in Southern California | Work in close consultation with the Office of Congresswoman Hilda Solis, who will host this session. | EPA will better understand and address EJ issues in this region | Lily Lee 415/972-3795 lee.lily@epa.gov |
| PMD. Support the State of California's EJ program. | For example, Quality Assurance technical assistance to the California Department of Pesticide Regulation to monitor ambient air concentrations of 21 to 27 pesticides in Parlier, California | Improved understanding and identified opportunities to reduce environmental health risk, particularly to children. | Mathew Plate 415/972-3799 Plate.mathew@epa.gov |
| CED. Help the State of Hawaii to Develop an EJ Policy | The EJ Program will in FY06 provide technical assistance to the State of Hawaii to develop an EJ Policy, as required by state legislation. | Improved State of Hawaii capacity to address EJ | Debbie Lowe 415/947-4155 lowe.debbie@epa.gov |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

GOAL 4 – HEALTHY COMMUNITIES AND ECOSYSTEMS

Subobjective 4.2.4. Sustain and Restore US-Mexico Border Ecosystems

| Activities | Projected Output | Projected Outcome | Point of Contact |
|--|---|--|---|
| <p>CED. The Pesticides Program supports state, border-wide, and national efforts to address pesticide issues at the border. Recognizing that environmental health problems also result from air pollution and inadequate water and sewage treatment, Pesticides staff will work with the Border Team to jointly seek remedies to environmental health issues. Taskforces established under Goal 4 include a Children’s Environmental Health Taskforce in Arizona/Sonora and a pending Environmental Health Taskforce for California/Baja California.</p> | <p>The California/Baja California Environmental Health Taskforce will hold its first meeting in February, 2006. In FY06, we will also explore creating an Environmental Health Taskforce for Imperial/Mexicali. If that taskforce is approved, a scoping meeting will be held in April, 2006.</p> | <p>Improved health and safety in the Border area</p> | <p>Pamela Cooper 415/ 947-4217 cooper.pam@epa.gov</p> |

Region 9 Environmental Justice Action Plan 2006
March 2, 2006

Goal 5: Compliance and Environmental Stewardship

Subobjective 5.3: Build Tribal Capacity

| Activities | Output | Outcome | Point of Contact |
|---|---|---|---|
| <p>The Bureau of Reclamation provided \$75,000 to EPA through the CALFED Bay Delta Program to support a Tribal Water Collaborative, a mutual assistance project for operating and maintaining water and wastewater systems. Funds are available to tribes within the CalFED Study Area. The project will also receive support from other federal agencies and technical assistance providers.</p> | <p>Tribes in close geographic proximity will form a Tribal Water Collaborative to achieve greater efficiencies that improve operation and maintenance of tribal water and wastewater systems. Potential efficiencies include solving O&M policy barriers, sharing equipment, sharing expertise, centralizing functions, savings costs and supporting operators.</p> | <p>Improved operation and maintenance of tribal water and wastewater systems through collaborative efforts with other organizations, including tribes, tribal consortia, federal agencies, and technical assistance providers.</p> | <p>Linda Reeves 415/972-3445 Reeves.linda@epa.gov</p> |
| <p>CED. Work with tribes to improve solid waste management on tribal lands</p> | <p>Provide funding and technical assistance</p> | <p>Tribes improving waste management, recycling, or closing dumps – 76 Number of dumps closed – 50 Number of tribes conducting recycling programs – 50 Number of tribes with a solid waste plan – 35 Number of tribes collecting household hazardous waste – 30</p> | <p>Clancy Tenley Tenley.clancy@epa.gov 415/972-3785</p> |