



Arizona/Sonora Regional Workgroup Recent Accomplishments

**Edna Mendoza, Arizona Department
of Environmental Quality (ADEQ)
National Coordinators' Meeting
El Paso, Texas
September 22, 2015**



Arizona/Sonora Regional Workgroup Co-chairs

- United States
 - Jeff Scott, Director, Land Division, Environmental Protection Agency-Region 9 Office (EPA)
 - Amanda Stone, Southern Regional Office Director, Arizona Dept. of Environmental Quality (ADEQ)
- Mexico
 - Jorge Suilo, Delegate, Secretariat for the Environment and Natural Resources (SEMARNAT)
 - Oscar Tellez, Commissioner, Commission of the Environment and Sustainable Development (CEDES)



Goal 1- Reduce Air Pollution

- Installation and operation of a PM_{2.5} monitor in Nogales, Sonora
- Approved a PM-10 State Implementation Plan for Nogales, Arizona to reduce PM₁₀ emissions
- Upgraded the Arizona border air monitoring network with four new air quality monitors in Nogales, Yuma, and two in Douglas, AZ
- Constructed a 16MW solar park (Tucson) that is displacing over 16,000 tons of CO₂, 11 tons of NO_x and 17 tons of SO_x per year. The plant generates enough electricity to power 2100 homes.





Goal 2- Improve Access to Clean and Safe Water

- Connected 13,259 additional homes to wastewater service in Nogales, Arizona and San Luis Rio Colorado, Sonora.
- Installed a 1.5MW solar array at the Los Alisos Wastewater Treatment Plant in Sonora. The photovoltaic plant will displace approximately 1.76 million pounds of CO₂/year.
- Conducted energy audits at utilities in San Luis Rio Colorado, Sonora and Willcox, Arizona to identify energy savings opportunities. Identified over \$140,000 in energy savings per year.





Goal 3- Promote Materials Management and Waste Management and Clean Sites

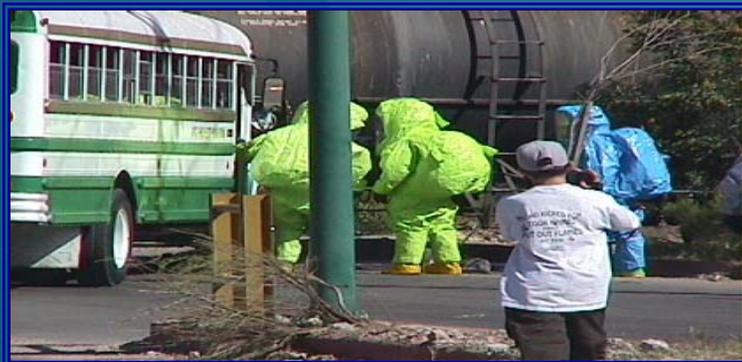
- Collected over 398,000 liters of used oil in 103 sites and constructed three used oil collection centers in Nogales, Sonora; trained over 280,000 people; and develop used oil institutional and infrastructure capacity
- Collected over 60,000 lbs. of e-waste in communities in Arizona and Sonora and build municipal capacity to implement e-waste collection events and BMPs. Toolkit for communities to use is available on line in English and Spanish:
<http://azdeq.gov/envIRON/waste/p2/ewastetoolkit/index.html>





Goal 4- Enhance Joint Preparedness for Environmental Response

- Equipped Bomberos in Sonora with Level A, B, and C suits and radiation monitors through a \$200,000 donation by the State of Arizona.
- First Responder training and Table Top Exercises conducted in Rio Rico, Arizona and Agua Prieta, Sonora to improve binational emergency preparedness, including:
 - First Responder Awareness/Operations
 - Traffic Incident Management Systems
 - Train derailment and full scale gas line explosion drills.





Goal 5- Enhance Compliance Assurance and Environmental Stewardship

Convened a two-day tri-national workshop to promote the exchange of information and improve understanding of each country's respective compliance and information programs.





Environmental Health Fundamental Strategy

Building Environmental Health Capacity

Provided train-the-trainer education on pesticide safety and the Agricultural Worker Protection Standard in San Luis, AZ

Trained approximately 31 promotores on Healthy Home strategies and concepts in Tucson, AZ

Conducted workshop on air quality and asthma, pesticides exposure, lead, and climate change to approximately 40 promotores

