

ARIZONA-SONORA REGION 9 BORDER 2012 PROJECTS

Goal	Description	Project Implementer
Goal 1 Water	Sonora Pre-Treatment Program receives Atomic Absorption Spectrometer	Nogales Municipality
	Sustainable Flood Management Alternatives for the City of Nogales, Son	Arizona State, University of Arizona, Tec., de Nogales, US Geological Survey.
	Managing Water and Human Waste Disposal A Demonstration of Composting Toilets and Water Harvesting	University of Arizona
	San Francisquito Infrastructure	Tohono O'odham
	Determine Practical Methods To Reduce Flooding In Ambos Nogales	Municipio de Nogales Sonora
	Laboratory Equipment For Monitoring And Assurance Of Quality In The Residual Water Generated By Non-Domestic Users In San Luis Rio Colorado	OOMAPAS-SLRC
Goal 2 Air	Monitoring outreach and education to reduce exposure to community and assess impact on childhood asthma in San Luis Rio Colorado, Sonora	Arizona State University
	Greenhouse Gas Emissions Inventory and Forecast for the State of Sonora	ADEQ
	Green Covers: A Sustainable Ecological Solution	Comision de Ecologia y Desarrollo Sustentable del Estado de Sonora(CEDES)
	Alternative Fuel Research For Brick Makers In Agua Prieta	OOMAPAS-Agua Prieta
	Biodiesel Demonstration Project in Ambos, Nogales	Rio Rico Fire Dept.
	Biodiesel - Second Phase	APSA - Instituto Tecnologico de Nogales
Goal 3 Land	Additional School Bus Retrofits in Nogales	Arizona Department of Environmental Quality (ADEQ)
	Mitigation and cleanup strategy for UDM waste in Arizona Border Region	ADEQ
	Remove vehicles and trash abandoned by UDM and Drug Smugglers	Tohono O'odham
	Site Cleanup and Restoration Practices applicable to Sonora Border mining issues (Nacozeni)	Universidad de Sonora
	Abandoned scrap tire cleanup in Sonora border Municipalities	EPA liaison via contractor
	Consolidation of a collaborative program to manage and mitigate undocumented migrant (UDM) waste in arizona's borderlands	Arizona Department of Environmental Quality (ADEQ)
	Reuse and Recycling of Electronic Appliance Waste In Nogales, Sonora, Mexico	Asociacion de Profesionales de Seguridad Ambiental
	Develop Guidelines For The Solid Waste Of Special Handling Procedures In The State Of Sonora	Gobierno de Sonora a través de: Comision de Ecologia y Desarrollo Sustentable del Estado de Sonora(CEDES)
	Binational Process for Recycling Used Oil Generated in Nogales, Sonora Mexico to Stop Current Used Oil Dumping Practices	APSA & ASU
	Remedial Planning Priorities for the Sonora Mining Tailings	Universidad de Sonora
Develop Scrap Tire Management plans in San Luis, Nogales, and Agua Prieta	EPA liaison via contractor	
Goal 4 Env. Health	Integrated pest management in schools along AZ-Sonora	ADEQ
	Arizona/Sonora Pesticide Disposal Project	Arizona Department Of Agriculture
	Capacity Building Of Medical Staff (Professional And Administrative) In The Elimination Of Mercury In Hospitals	Centro De Estudios Superiores Del Edo. De Sonora (Cesues) Y Secretaria De Salud Publica Del Edo. De Sonora
	Potable Water Management In The Municipality Of Altar, Sonora	Direccion General De Proteccion Contra Riesgos Sanitarios Secretaria De Salud Publica Del Edo. De Sonora
	Joint train-the-trainer workshop for pesticide safety educators and farm workers in Mexico, Arizona, California and Tribal Communities	AZ Dept Agriculture
Goal 5 Emergency Preparedness & Response	Sonora high risk source project	Proteccion Civil
	Arizona/Sonora Emergency Preparedness Collaborations	City of Douglas
		Proteccion Civil
	TO Tri-National Emergency Preparedness Plan	Tohono O'odham Nation
	Capacity Building By Providing Training And Equipment For First Responding Emergency Teams Of Attention To Risk Hazardous Materials And/Or Waste Emergencies In The Main Border Cities Of Sonora	Gobierno Del Estado De Sonora Unidad Estatal De Proteccion Civil
Goal 6 Compliance, Enforcement, Stewardship	Hazardous Materials Technician Class For Cochise County And Northern Sonora First Responders	Douglas Fire Department
	Chlorine Coffins For Use In Southeast Arizona And Northeast Sonora	
	Enforcement case development, capacity building, and research support	Western States Projects
	EMS development and implementation/verification project	The Lexington Group, Environmental Management Consultants, Inc.
	Capacity building of environmental inspectors in waste management an regulatory requirements in the border region of Sonora	Comisión de Ecología y Desarrollo Sustentable del Estado de Sonora (CEDES)
No Contamine/Don't Trash La Frontera	Regional Center For Border Health, Inc. And Binational Health & Environment Council	

CALIFORNIA-BAJA CALIFORNIA REGION 9 BORDER 2012 PROJECTS

Goal	Description	Project Implementer
Goal 1 Water	Capacity building and water system improvements in the indigenous communities of Baja, California	Pala Band and Mission Indians
	Rio Hardy Project	CIAD
	Tecate Artificial Wetland Demonstration Project	CESPT
	Provide drinking water and wastewater improvements for five Baja indigenous communities	Pala Band and Mission Indians
	Monitoring Coastal Waters for Healthy Beaches in Tijuana, BC	PFEA
	Monitoring Water Quality for Human Users and the Environment in the Rio Hardy in Baja California - Part II	CIAD
	Collaborative Effort To Improve Water Quality By Use Of Secondary Treatment (Wetland) In Las Arenitas Waste Water Treatment Plant	Sonoran Institute
Goal 2 Air	Control Land Erosion Impact By Use Of Permeable Pavement In Sites That Border The Watershed Of Cañon In Of Los Laureles, Tijuana	Programa De Entrenamiento Costero De La Reserva Nacional De Investigacion Del Estuario Del Rio Tijuana
	Environmental brick kiln emissions reduction Project - Mexicali/Tecate	Secretaria de Protección al Ambiente
	PM10 emissions reduction pilot via Paving of Parking lots and Staging Areas in Imperial County	Imperial Valley APCD (PS) / Dave Fege (EPA)
	Imperial Valley-Mexicali task force and management support	Imperial Valley APCD
	Energy audits and emissions reductions by the Western Governor's Association	W. Governors' Assoc.
	To purchase replacement parts for the air monitoring network in Baja California.	Secretaria de Proteccion al Ambiente
	Air Monitoring- Repair of the Baja Network	Secretaria de Proteccion al Ambiente
	Baja California Air Monitoring Network Design Evaluation	Spa; National Institute Of Ecology; Semarnat; California Air Resources Board And Epa Region 9
	Biodiesel from Waste Cooking Oil project in Mexicali	Secretaria de Proteccion al Ambiente
	Retrofit a minimum of 15 diesel trucks in Mexicali	Imperial Valley APCD
	Baja California Air Monitoring Network Design Evaluation	SPA; National Institute Ecology; SEMARNAT; California Air Resources Board
	Biogas Generation From Manure In Baja California	Secretaria De Proteccion Al Ambiente (Spa) Del Edo. De Baja California
	Reducing Diesel Emissions Impacting School Children In Colonia Chilpancingo, Tijuana, Mexico	Environmental Health Coalition
	Tijuana Emissions Inventory	Secretaria De Proteccion Al Ambiente (Spa) Del Edo. De Baja California
Laundromat-Solar Heating Project in Mexicali	CANACINTRA MEXICALI	
Goal 3 Land	Solid waste collection to reduce trash in the New River	Servicios Publicos Municipales
	Centinela Waste Tire Pile Clean-up	Transportes Rafa
	Remedy analysis, selection, and design for metales y derivados	EPA liaison via contractor
	Cleanup and improve Arroyo Alamar	Baja California
	Independent Community Oversight of the Metales y Derivados toxic site final cleanup	EPA liaison
	E-Waste Event	REMEXMAR
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	Develop Waste Recycling Program For Educational Institutions	UABC
	Management Of E-Waste, Car Batteries, Batteries And Mercury Lamps Generated By Baja California's Domestic Sector	Secretaria De Proteccion Al Ambiente (Spa) Del Edo. De Baja California
	Tire Fire Training For Mexican Firefighters	CALEPA BORDER AFFAIRS UNIT
	Tire Clean Up Mexicali	SEMARNAT
	Development & Application of Integrated Waste Management Plans in Mexicali & Tijuana	EPA liaison
	Develop Scrap Tire Management Plans in Mexicali, B.C.	EPA liaison
Baja California Indigenous Community Solid Waste Management Plan & Model	Cultures Institute of Baja California (CUNA)	
Goal 4 Env. Health	Improving schools and communities environmental health	PROBEA
	Agricultural Burning: Exposure Reduction	Environmental Health Investigations Branch And The Environmental Health Laboratory Of The California Department Of Public Health
	California- Baja California Integrated Pesticide Illness Surveillance and Exposure Prevention	California Department of Health Services
Goal 5 Emergency Preparedness & Response	Complete the establishment of border emergency management academy	UABC
	Development and implementation of a binational exercise between Mexicali and Imperial County	Proteccion Civil Estado de Baja California
	Baja California Emergency Management Institute (EMI) Sustainability	Department of Environmental Health (HMD) Proteccion Civil Estado de Baja California
	Phase II: Binational Emergency Preparedness Functional Exercise between Mexicali, BC and Imperial County, CA	Proteccion Civil Estado de Baja California
	Strengthen San Diego/Tijuana Sister Cities And California And Baja California Emergency Preparedness Programs Through An Integrated All Hazards Project Of Exercises, Standardized Capacity Building And Updated Expanded Sister City Plan	Direccion Estatal De Proteccion Civil Bc & San Diego County Department Of Environmental Health
Goal 6 Compliance, Enforcement, Stewardship	EMS development and implementation/verification project	The Lexington Group, Environmental Management Consultants, Inc.
	Promote And Improve The Environmental Procedures Of Pymes (Micro, Small And Mid Size Companies) In Mexicali	CANACINTRA Mexicali
	Increasing Ems Certifications And Measuring Environmental Improvements In Small And Medium Enterprises (SMES) In Mexicali, Bc	The Lexington Group, Environmental Management Consultants, Inc.