

US-Mexico Border 2012 Air Policy Forum Ad Hoc Subgroup Meeting
 Tuesday, November 15, 2005
 Camino Real Hotel El Paso, TX

Implementation Projects Underway in U.S. Mexico Border

| Project Title | Project Partners | Goal/Objective | Results |
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| Diesel Emission Reductions for Children's Health in the Nogales Area | EPA Region 9 Arizona DEQ University of Arizona Santa Cruz Valley Unified School District | Reduce children's exposure to diesel emissions from school buses through retrofitting and use of ultra low sulfur diesel in the Santa Cruz Valley Unified Schools | Contracts signed with the School District for implementation and with University of Arizona for outreach |
| Nogales Heavy Duty Remote Sensing | EPA Region 9 Arizona DEQ SEMARNAT | Demonstrate heavy duty remote sensing technology as a screening tool for truck emissions; Estimate commercial truck emissions accurately and identify gross emitting vehicles, cost effectively, and unobtrusively | Analysis nearly complete. Estimates generated for over 15,000 trucks Emission characteristics of the US and Mexican cross-border truck fleet Gross emitting vehicles were identified |
| California Diesel Characterization Project | R9 EPA California Air Resources Board | Determine fleet composition and activity characteristics: --fueling habits, type of service, etc. --using GPS, track vehicle activity while in the United States | At border: --51% of trucks are Mexican-domiciled --21% are California --27% have dual (California-Mexico) registration |
| San Diego-Tijuana Clean Diesel Demonstration Project | R9 EPA San Diego Air Pollution Control Board SEMARNAT State of Baja Department of Ecology | Investigate costs and effectiveness of diesel retrofit technologies on Mexican heavy-duty diesel vehicles operating in the San Diego-Tijuana border region | Three trucks have been retrofitted with diesel oxidation catalysts; About 27 more to be retrofitted by spring 2006 Ten trucks will be retrofitted with diesel particulate filters during summer of 2006 |
| Baja Real-Time Air Quality Website | R9 EPA CARB Baja Department of Ecology | Provide real-time air quality information to border residents for Tijuana, Tecate, Rosarito, and Mexicali | Basic website is operating. Website to be enhanced by March 2006 |