

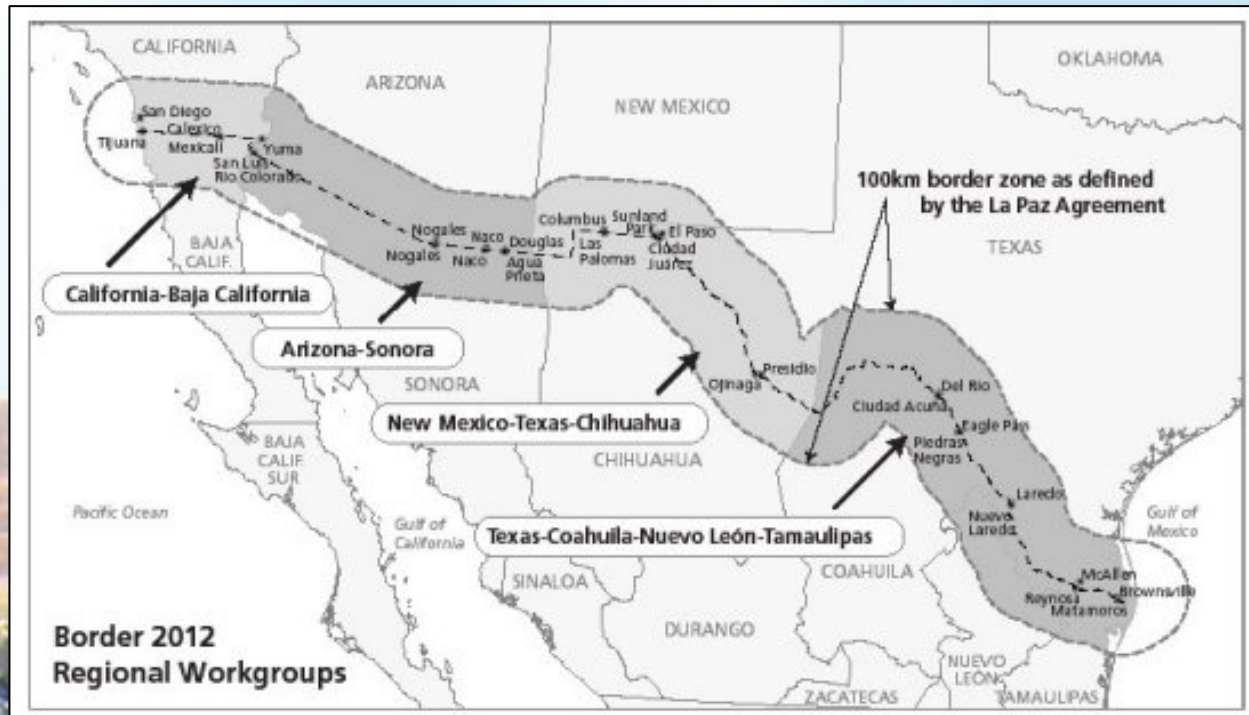
BORDER 2012: U.S.-MEXICO BORDER SCRAP TIRE INVENTORY

U.S. EPA Office of Solid Waste



Objective

- Compile an inventory of scrap tire piles on the Mexican side of the eastern portion of the U.S.-Mexico border
- Create a geographic information system (GIS) map of scrap tire piles for the entire border region



Approach

- **Contacted local experts to obtain data for the Mexican side of the border's eastern region**
 - Texas Commission on Environmental Quality (TCEQ)
 - New Mexico Environment Department (NMED)
 - New Mexico State University
 - ITESM, Col. Tecnológico
 - SEMARNAT
 - Others
- **Reviewed previous and ongoing studies to obtain data for other border regions**
 - U.S. EPA Region 9
 - California Integrated Waste Management Board (CIWMB)
 - University of Texas



LEGEND

- Mexico
- Study Area
- U.S.
- Tire Site Area

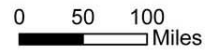
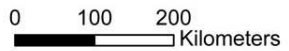


FIGURE 2
SCRAP TIRE PILE SITE LOCATIONS
ALONG U.S. - MEXICO BORDER

Prepared for:



Prepared by:



Notes:
a The tires formerly stored in Nuevo Laredo were burned in a fire. No tires remain.

*See Appendix C for more detailed information

Summary of Sites In Mexico Along U.S.-Mexico Border

Mexican State	Number of Sites	Estimated Number of Tires
Baja California Norte	6 sites	400,000
Sonora	13 sites	340,000
Chihuahua	1 site	4,500,000
Coahuila de Zaragoza	2 sites	245,000 to 275,000
Tamaulipas	8 sites	800,000 to 900,000

Note: The number of sites may include sites that have been cleaned-up and/or sites where information, including estimated number of tires, was not available.

Summary of Sites Between Mexico and U.S.-Western Portion of Border

State	Number of Sites	Estimated Number of Tires
Baja California Norte and Sonora	19 ^a	740,000
California and Arizona	8	78,000 ^b
Total	27	818,000

Notes: a The number of sites includes six sites that have been cleaned-up
b Tire quantity estimate exists for only one site in Arizona

Recommendations

- **Coordination with contacts regarding site status and on-going studies to update inventory**
 - SEMARNAT
 - U.S. EPA Region 9
 - CIWMB
 - University of Texas
- **Aerial photograph or satellite imagery review**
 - Texas
 - New Mexico
- **Visit tire piles identified in this inventory**
 - Field verify data
 - Gather information on additional site characteristics

For More Information:

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