California/Mexico Border Hazardous Waste Inspections

Alfredo Rios
Department of Toxic Substances Control
San Diego Field Office

IRP Meeting
July 13, 2016

Border Program

- Background
- Inspection Process
- Tour
- Import/Export
- Border Training
- Border 2020

Why trans-border Movement of Hazardous Materials and Waste?

- Economic Activity
- Infrastructure
- Laws and Treaties

Economic Activity

- In 2011 about 1.3 million people of Mexico's more than 100 million were employed in about 3000 maquiladoras

- 40% of all maquiladoras in Mexico are in Baja California (1,199 maquiladoras in BC as of 2016)

Infrastructure

- Manufacturing operations
  - 40% of all maquiladoras in Mexico are in Baja California (1,199 maquiladoras in BC in 2016-SEMARNAT)
  - Raw materials suppliers-Mostly outside Mexico
- Disposal sites
  - Four Hazardous Waste landfills located in Nuevo Leon, Coahuila (border states), Jalisco and Hidalgo (central states)

Infrastructure

- Recycling Facilities in Baja:
  - Temarry Recycling-Tecate B.C. (solvents)
  - CEMEX –Ensenada (waste paint/UO)
  - TDM-Mexicali (CRT Glass, e-waste)
  - Oxidos y Pigmentos-Tijuana (SLABs)
  - Industrias PKay-TJ (solder/silver)
  - Baja Wastewaster- TJ (acids/bases, UO)

Laws and Treaties

- Bi-national La Paz agreement (1983)

Mexico:

- Ley General del Equilibrio Ecologico

U.S.

- Code of Federal Regulations, Title 40
- California Code of Regulations, Title 22
- California Health & Safety Code Chapter 6.5

Ports of Entry in CA

- Two ports of entry in CA for imports of HW:

  Otay Mesa PoE-San Diego County

  -hazmat days: T, W, Th & F

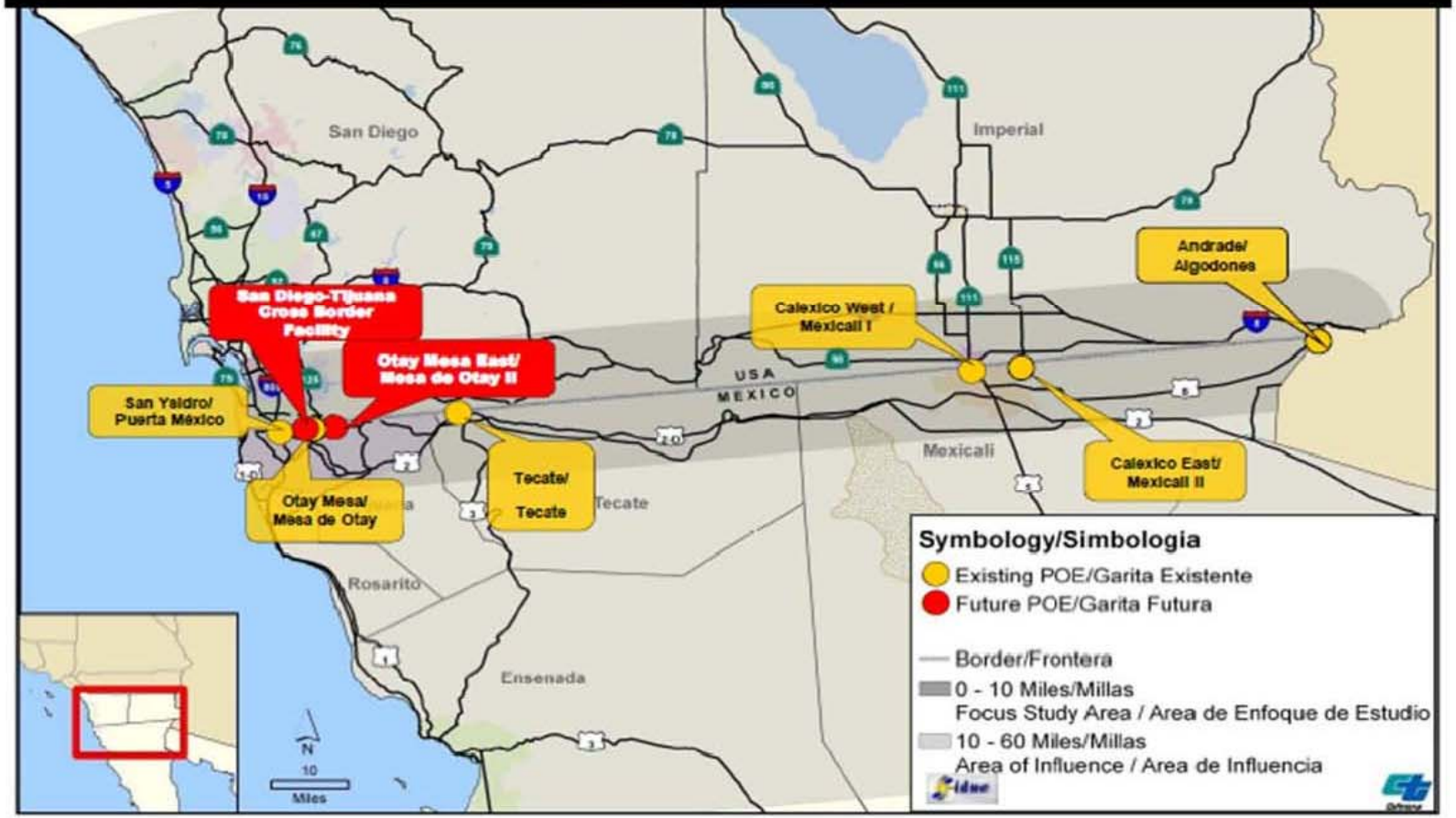
  -hours: 7-8 am

  – Calexico East PoE-Imperial County

  -hazmat days: Friday

  -hours: 7am-12pm

California Land Ports of Entry with Mexico



Tour-Otay Mesa POE

Trucks entering CBP HazMat Compound

CBP HazMat Compound at Otay Mesa PoE

Trucks at the CBP HazMat Dock

Unloading cargo for inspection

HW sampling at the POE

Southbound Inspections

Port of Entry Inspections

POE Yearly numbers 2015-16

- 3009 trucks inspected
- 239 trucks were HW (232 trucks for Otay Mesa, 7 trucks for Calexico)
- 222 trucks UW
- Over 30 investigations (2007-2015)
- 20 enforcement cases (2007-2015)

Import/Export Program

- Review Notices of Intent to Export/Import HW
- ERM and ERM shipment docs
- Review Notices of Intent to Export UW (not incl. ED, CRT, CRT glass)
- Export Annual Reports

Trainings

California/Mexico Border
Hazardous Waste Inspections
Carlo Rodriguez, Environmental Scientist
Department of Toxic Substances Control

Border 2020

SEMARNAT
México-Estados Unidos
FRONTERA 2020
BORDER 2020
FRONTERA 2020
REGIÓN BAJA CALIFORNIA- CALIFORNIA

SEMARNAT
Programa Ambiental
México-Estados Unidos
FRONTERA 2020
BORDER 2020
FRONTERA 2020
REGIÓN BAJA CALIFORNIA- CALIFORNIA

San Diego Staff

Thank you!!