

OVERVIEW OF TCEQ SCRAP TIRE INVESTIGATIONS

PRESENTATION FOR TASK
FORCE OF BORDER HEALTH
OFFICIALS



PRESENTATION OVERVIEW

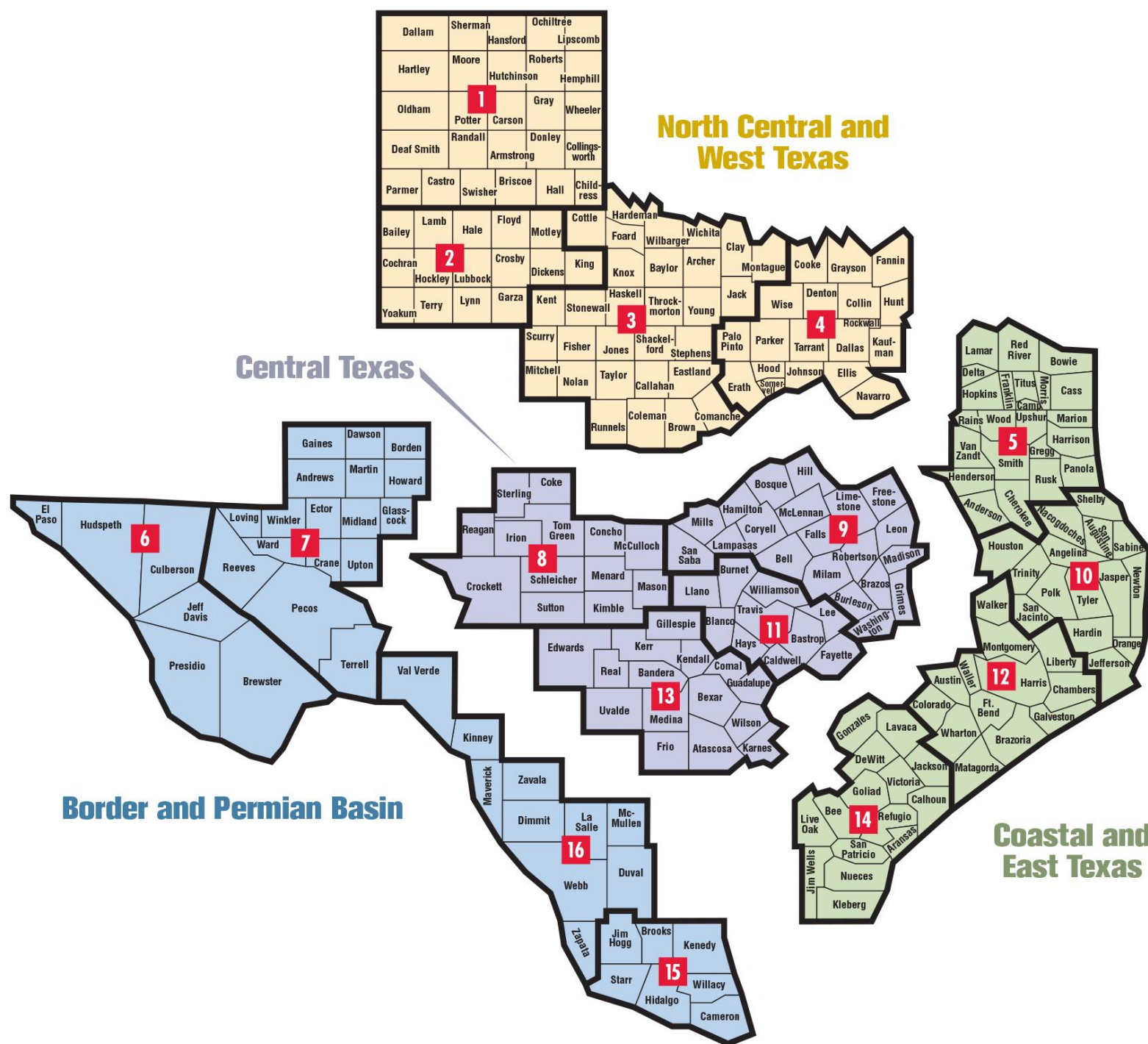
- TCEQ Region Overview
- Scrap Tire Investigations
- Common Scrap Tire Rules
- Enforcement of Scrap Tire Cases
- Scrap Tire Sites



REGIONAL OVERVIEW

- Harlingen regional office covers seven counties
 - Thirteen Environmental Investigators
 - Three Air, Six Water, and Four waste investigators
- Laredo Regional office covers ten counties
 - Nine Environmental Investigators
 - Three Air, Four Water, and Two waste investigators





COMPLIANCE INVESTIGATIONS

- Scheduled Investigations
 - Permitted and Registered Facilities
- Emergency Response
 - Chemical Spills, Fires, Natural Disasters
- Complaint Investigations
 - Citizen Complaints
 - Referrals
 - No prior notice given



SCRAP TIRE INVESTIGATIONS

- Knowledge of applicable rules
- Access to property
- Photographs as evidence
- Monitoring equipment
- Operator determination
- Property ownership determination



CALCULATING TIRE QUANTITIES

Loosely stacked passenger tires = 10 tires/Cubic yard (cy)

Quartered passenger tires = 10 tires/cy

Primary shred 20 tires/cy

1 passenger tire = 22.5 lbs.

1 tractor trailer tire = 60 lbs.

Volume = Length * Width * Height = Cubic feet

Volume = (Length * Width * Height) / 27 = Cubic yards

Example of passenger tires loosely stacked:

303 ft * 178ft * 2ft = 107,868 cf

or 3995.11 cy

or 39,951 tires



SCRAP TIRE RULES

- 30 Tex.Admin. Code § 328
- Identify requirements for storage, transportation, processing utilization and disposal of used, or scrap tires, or tire pieces
- Rules do not preempt local ordinances that are as or more stringent
- All used or scrap tires are subject to manifesting



SCRAP TIRE DEFINITIONS

- Scrap tire – a whole tire that can no longer be used for its original intended purpose
- Scrap tire storage site – A registered facility where more than 500 used or scrap tires on the ground or more than 2,000 used or scrap tires in enclosed and lockable containers
- Tire processor – A registered scrap tire facility where used or scrap tires are collected and shredded or baled, includes mobile facilities

SCRAP TIRE DEFINITIONS

- Scrap tire transporter – A registered entity that collects and transports used or scrap tires or tire pieces for storage, processing, recycling or energy recovery

SCRAP TIRE RULE REQUIREMENTS

- Whole used or scrap tires may not be commingled with any other type of scrap material or solid waste
- Permitted landfill may store or process whole tires or tire pieces under certain provisions (above ground, controlled, 500, 2,000)
- Registration is required for scrap tire storage sites, scrap tire facilities, transportation facilities, and transporters



SCRAP TIRE RULE REQUIREMENTS - GENERATORS

- Generators storing more than 500 tires shall obtain a registration number
- Generators are responsible for ensuring scrap tires or tire pieces are transported by a registered transporter
- Generators shall use manifests, work order, invoices or other records to document removal and management of all scrap tires generated on site

SCRAP TIRE RULE REQUIREMENTS - TRANSPORTERS

- Transporters shall register their operations
- Transporters shall maintain records using a manifest system (Applies to generators, transporters, and authorized facility)
- Transporters shall ensure scrap tires are transported to an authorized facility
- Transporters are required to maintain records for at least three years

SCRAP TIRE RULE REQUIREMENTS - TRANSPORTERS

- Proper identification required on trailers and trucks
- A transporter registration is not required if a generator is transporting tires between businesses or to an authorized facility
- Transporters cannot store tires onsite without a separate registration

SCRAP TIRE RULES ENFORCEMENT

- Notice of Violation
- Notice of Enforcement
 - Formal enforcement that results in order and penalty
- Coordination with local jurisdictions
- Penalties (\$0 - \$25,000 per violation per day)
- Corrective Action

SCRAP TIRE FACILITIES IN HARLINGEN REGION

- 367 Generators
- Six Processors
- One Recycler
- One Storage Facility
- 24 Transporters
- Seven Unauthorized Disposal Sites

QUESTIONS

Jaime Garza, Regional Director

TCEQ Harlingen and Laredo Regional Offices

(956) 425-6010

