Colorado Waste Tire Facts

• Generate 6+ million waste tires per year (industry average of 1 per citizen)

• 60+ million tires stored in inventory (3 monofills, and processors)

• Recycling Rate of 104% for 2015

• Overall state waste tire inventory dropped by 400,000 tires in 2015


Statutory /Regulatory Requirements

› House Bill 14-1352 was written to encourage the recycling and beneficial use of waste tires in lieu of storage or landfill disposal

› Management for waste tires from the point of generation to the delivery to a waste tire destination facility (waste tire processor, waste tire monofill, or waste tire collection facility)

› Banned landfill disposal of waste tires
Statutory /Regulatory Requirements

- Section 10 of Solid Waste Regulations were written with stakeholder input
- The Regulations outline waste tire management requirements for:
  - Haulers
  - Generators
  - Collection Facilities (typically landfills)
  - Processors
  - Monofills
  - End Users
  - Mobile Processors

Great news overall, so no problems with waste tires in the state, right?

Wrong!

- Many waste tire haulers, generators, and waste tire collection facilities not registered
- Over 30 illegal waste tire sites identified in the state
- Lack of diversity in end use markets in Colorado

How can landfills help?

- Monofill owners and operators cannot place waste tires into monofill storage after January 1, 2018
- Owners and operators must close their waste tire monofill by July 1, 2024
How can Landfills Help?

- Communities need place to take waste tires
- Become a Waste Tire Collection facility
  - Allows for a convenient location for the collection of waste tires
- Become an End User
  - Utilizing waste tires as tire-derived product (e.g., TDA in civil engineering applications; ADC)
  - Must modify EDOP and be approved for use of tire-derived product

Waste Tire Collection Facility requirements

- Establish and maintain financial assurance
- Register with Department by submitting WT-1
- Post decal at site
- Limit of 7,500 waste tires onsite
- Develop and maintain an Engineering Design and Operations Plan (EDOP)
  - Emergency Response Plan; Fire Prevention, Training and Firefighting Plan; Vector Control Plan
  (6 CCR 1007-2 Section 10.8.9)
- Develop and maintain a Closure Plan

What is a Waste Tire Collection facility?

When ten (10) or more waste tires are stored awaiting pickup by a Registered Waste Tire Hauler or awaiting processing by a Mobile Waste Tire Processor

Waste Tire Collection Facility requirements

- General operational parameters
- Submit Annual report to the Department
- Use only registered waste tire haulers
- Notification of fire or other emergency involving waste tires
- Manifesting
  - Maintain onsite for 3 years
  - Shipments to or from facility manifest generated by hauler
  - NEW: Shipments of waste tires (10 or more) from unregistered hauler, manifest generated by facility
How can landfills participate?

- CDPHE’s Waste Tire Program Grants & Funds
  - End Users Fund
    - Per ton rate for civil engineering/alternative daily cover usage at landfills
    - Must be registered as an “End User”
    - Must weigh all material used for project
    - Application process
    - Available until January 1, 2018

Waste Tires Contacts

www.colorado.gov/cdphe/wastetires

Any Questions?