



**NMED**  
New Mexico  
Environment  
Department




**SCRAP TIRE  
PROGRAM**

September 28,  
2016

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## OUTLINE


- RAIDA, RIDSTMR Highlights
  - Permit and Registration requirements
- Storage requirements
- Manifest System
- Tire Issues
  - Tire Fires
  - Illegal Dumping
  - Vector Harborage
- Recycling
- Other Markets



## USA Average

=


**ONE SCRAP TIRE PER PERSON PER YEAR!**



## Recycling and Illegal Dumping Act (RAIDA)

Authorized

## Recycling, Illegal Dumping and Scrap Tire Management Rule (RIDSTMR)



## Highlights of RAIDA and RIDSTMR

Requires a PERMIT if You Use or Store More Than 100 Scrap Tires at Any Time.

Includes Civil Engineering Applications (CEAs), Tire Recycling/Storage Facilities

- Every Load of 10 or More Scrap Tires Must Be Accompanied By a Manifest
- Scrap Tire Haulers for Hire MUST Be Registered With the NMED
- Beneficial Agricultural Use are Exempt From the Storage Requirements – Corrals, Feed Bins, etc.



## Outdoor Storage Requirements - Highlights

Modeled from International Fire Code

- Max. pile/stack dimensions = 50' wide x 100' long x 10' high (approx. 20,000 passenger tires)
- Min. aisle width = 40' or 75'
- Min. distance from grass and weeds = 40'; from brush and forest = 100'
- No Scrap Tires stacked under power lines, or within 20' on either side



## Proper Storage



## Proper Storage Shredded Scrap Tire Piles



### Improper Storage



### Improper Storage



### Bad Idea for Scrap Tire Disposal



Underwater dump off the coast of Florida  
Osborn Reef  
Photo via Projectbaseline.org



### MANIFEST SYSTEM

- Tracks Scrap Tires From Generator Through Hauler to Final Destination (Cradle to Grave).
- Scrap Tire Generators May Haul Their Own Scrap Tires for Disposal Without a Scrap Tire Registration but Must MANIFEST the Scrap Tires.
- Every Load of 10 or More Scrap Tires Must Be Accompanied by a Manifest (see exceptions)
- The Scrap Tire Hauler Provides Manifest



## MANIFEST SYSTEM

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### EXCEPTIONS:

- ❑ Loads Brought By a Household
- ❑ Loads from One Permitted or Registered Solid Waste Facility to Another, or To a Permitted Civil Engineering Application.
- ❑ Loads from NMDOT and It's Contractors
- ❑ Loads Incidental to Collection or Transportation of MSW to a Permitted or Registered Facility



## Enforcement

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Penalties for violating RIDSTMR include monetary penalties and permit and registration suspension or revocation.



## Tire Issues

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### Illegal Dumping



### Vector Harborage



### Tire Fires



## Bernalillo County Scrap Tire Fire 2015

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### Socorro Tire Fire

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### A Nice Day for a Bar-B-Que

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### After Math of an Owner Finance Foreclosure

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### Ready for Disposal

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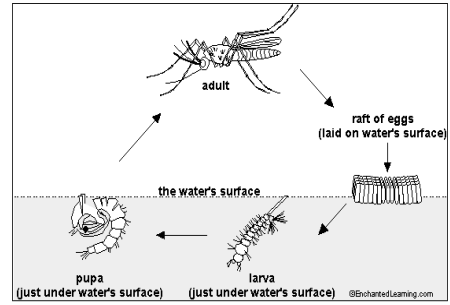
### Abandoned Scarp Tires

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### Result of Scarp Tires Holding Water

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### NEW MEXICO SCRAP TIRES

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Where do they go?

TOP MARKETS FOR SCRAP TIRES



### Tire Derived Fuel Cement Kilns

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### Reclaimed Land at Chaparral Sand and Gravel

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### Tire bales covered with "shotcrete" Las Cruces

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### Scrap Tire Bales Use for Corral Fencing

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### Tire Fence - Front

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### Tire Fence – Back

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### Earthship Near Taos

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### Earthship in Tularosa, New Mexico

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### QUESTIONS?

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