

Michigan Scrap Tire Program Overview

Colorado Waste Tire Conference

June 25, 2015



Michigan Scrap Tire Program Central Staff

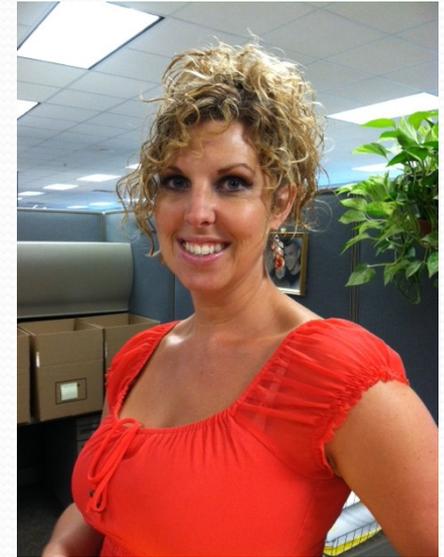
Office of Waste Management and Radiological Protection
Sustainable Materials Management Unit



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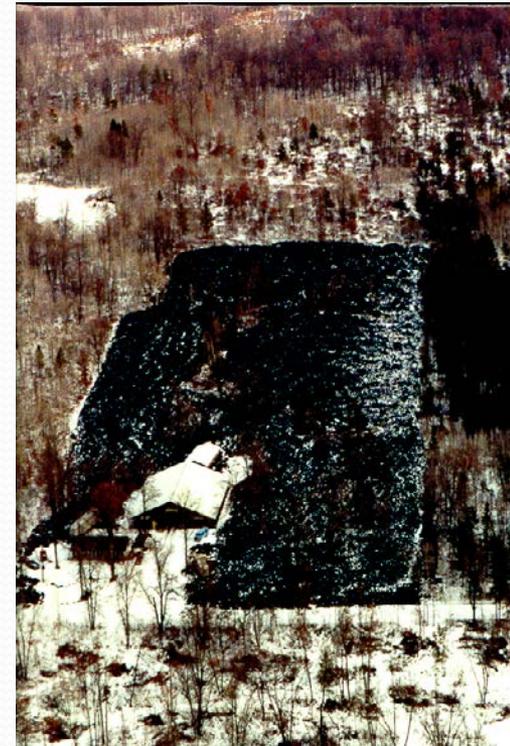
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State Regulation of the Industry

- Require acceptable management of scrap tires (storage requirements).
- Require financial responsibility (bond sites).
- Landfill ban on disposal of whole tires.
- Identify and register industry members (registration of collection sites and haulers).
- Create regulatory incentive to recycle tires.
- Create financial disincentive to store or dump tires.
- Allow private enterprise to establish costs.
- Assist development of viable markets (MD grants).

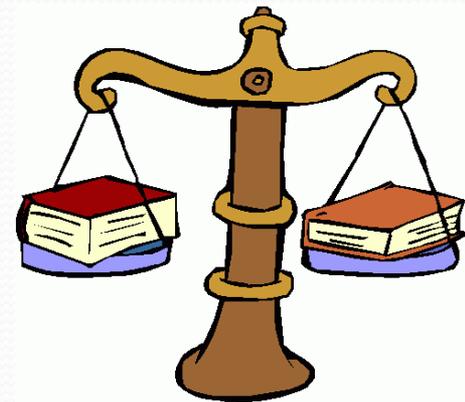


Recent Statutory Amendments

- Housekeeping issues
- Definitions
- Retailer must use registered, bonded hauler
- Delivery of tires to a location with location's consent
- Allow owner or operator with property owner's permission to bond/register collection site or claim bond exemption
- Allow processor to move location and maintain bond exemption
- Scrap tires managed in compliance with Part 169 are exempt from regulation as a solid waste under Part 115 and converse
- Hauler registration fee and bonding
- Vehicle labeling requirements
- Require maintenance of records by all entities

Recent Statutory Amendments (cont.)

- Remove \$500,000 cap on Market Development grants
- Condense language on what funds may be expended for
- Allows funds to be spent on law enforcement and law enforcement grants
- Prohibits intentional open burning of scrap tires
- Adds penalties for falsifying registration application, grant application or scrap tire transportation record
- Allow seizure of vehicles used in illegal dumping



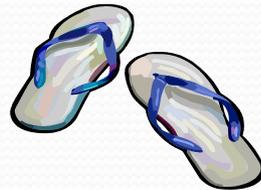
Program Funding

\$1.50 fee collected by the Secretary of State's office on vehicle title certificate transfers through December 31, 2015. Funding mechanism is actually in the Michigan Vehicle Code rather than the tire statute.



Regulation Results

- Processing Industry Growth-Processing Capacity in excess of generation
- Market Capacity Increase
- Decrease in Dump Concerns/Stockpile Cleanup



Current Scrap Tire Markets

Table 1 Use Comparison

Totals	2013		2011	
	Tons	PTE	Tons	PTE
End Uses				
Landfill Usage	3,085	274,565	9,219	921,900
TDF	107,904	9,603,456	136,893	13,689,300
Total	110,989	9,878,021	146,112	14,611,200
Diversion				
Reuse/Retread	15,541	1,383,124	5,445	544,500
Out of State	47,606	4,236,961	21,336	2,133,600
Total	63,147	5,620,085	26,781	2,678,100
Products				
Septic	13	1,157	66	6,600
Sidewall Rings	3,639	323,871	3,458	345,800
Other	117,971	10,499,419	116,117	11,611,700
Total	121,623	10,824,447	119,641	11,964,100

Factors Behind the Program's Success

- A continuing appropriately funded cleanup program to address abandoned scrap tires and those collected prior to 1991.
- Simple cleanup program: goal is to clean up.
- Market Development-show new or increased use of scrap tires
- Consistent Enforcement of the Statute- results in a level playing field for those voluntarily meeting the statutory requirements.
- Periodic review of the Program and statute to address changing needs.
- Working with local Units of Government to raise awareness.
- Continue to find new outlets for the stockpiled tires and newly generated scrap tires

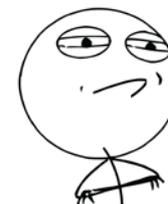




Current Challenges

- Continuing to develop and support markets-need for better data
- Managing ongoing scrap tire generation and TDF stockpiles
- Clean up of small historical accumulations of tires-high transportation costs; difficult to get to
- Tires as a resource not a waste-education is key

CHALLENGE ACCEPTED



Contact Information

- For additional information on Michigan's Scrap Tire Program, please check the MDEQ's Web site at www.michigan.gov/deq. Click on "Waste" and then on "Scrap Tires." You will find grant information, registration forms, copies of Part 169, lists of registered scrap tire haulers and collection sites, District tire staff contacts, and other useful information.