

# Scrap Tire Advisory Group Meeting

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Missouri's Scrap Tire Program Status

May 6, 2016

Dan Fester

# TDF USAGE DECLINE

## 3.5 Million in 2005 to 1.54 million in 2014

### MISSOURI TIRE DERIVED FUEL (TDF) USERS July 2014

Facility Name Location	Facility Type Primary Fuel	TDF Supplier Location	Number of Tires Used (in million pts)									
			2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Ameren UE Portage Des Sioux, MO	Powerplant Coal	Tire Shredders High Ridge, MO	0.495	0.314	0	0	0	0	0	0	0	0
KCP&L (formerly Aquila) Sibley, MO	Powerplant Coal	MVE (Corrections) ABC-Kansas City	0.95	0.745	0.547	0.332	0.5	0.69	0.509	0.444	0.322	0.199
University of Missouri Columbia, MO	Powerplant Coal	MVE (Corrections) Jefferson City, MO	0.382	0.402	0.315	0.319	0.324	0.298	0.031	0	0	0
Empire District Electric Asbury, MO	Powerplant Coal	ABC-Kansas City Liberty-IA	0.671	0.595	0.257	0.198	0.378	0.256	0.042	0	0.024	0.144
KCP&L (formerly Aquila) St. Joseph, MO	Powerplant Coal	Monster-St. Joseph Liberty-IA	0.39	0.375	0.512	0.307	0.304	0.312	0.47	0.585	0.505	0.224
Holcim (Holnam), Inc. Clarksville, MO	Cement Kiln Petroleum Coke	**	0	0	0	0	0	0	0	0	0	0
Buzzi Unicem USA (Lone Starr) Cape Girardeau, MO	Cement Kiln Coal	**	0.26	0.001	0	0	0	0	0	0	0	0
LaFarge Sugar Creek, MO	Cement Kiln Petroleum Coke	Liberty-IA	0	0	0	0	0.24	0.452	0.246	0.588	0.536	0.171
<b>Annual Totals</b>			<b>3.15</b>	<b>2.43</b>	<b>1.63</b>	<b>1.16</b>	<b>1.75</b>	<b>2.01</b>	<b>1.30</b>	<b>1.62</b>	<b>1.39</b>	<b>0.74</b>

\* Reflects first 6 months of 2014

\*\* Most of supply was from other states

NOTE: Missouri generates approximately 6 million scrap tires per year

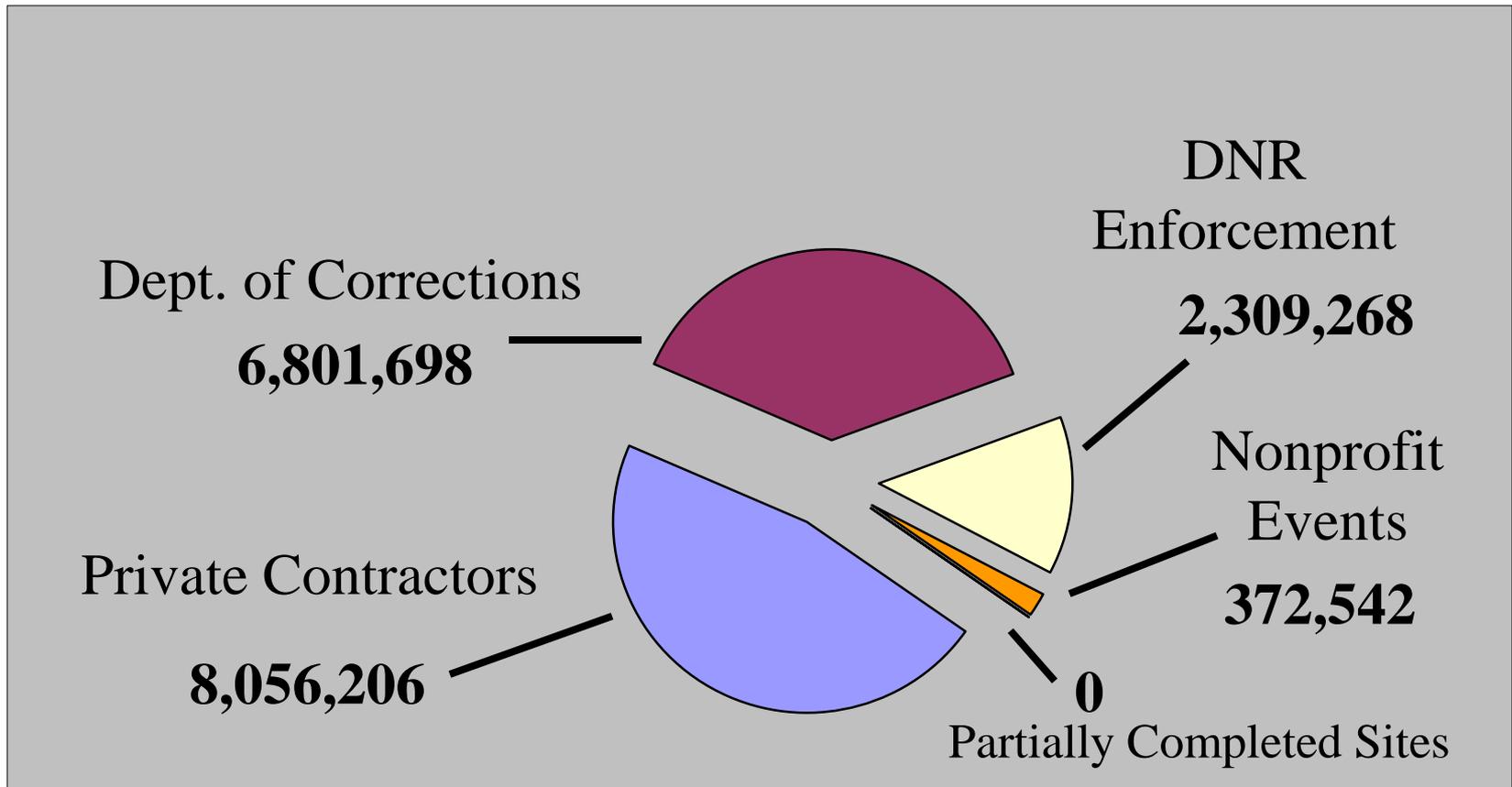
## **Current Statistics**

- **Tires Cleaned Up – 17,539,714**
- **1,374 sites cleaned up**
- **Known Tires Remaining – 158,994**
- **Estimated Unknown Tires – 1/2 million**

# Scrap Tire Cleanup Status

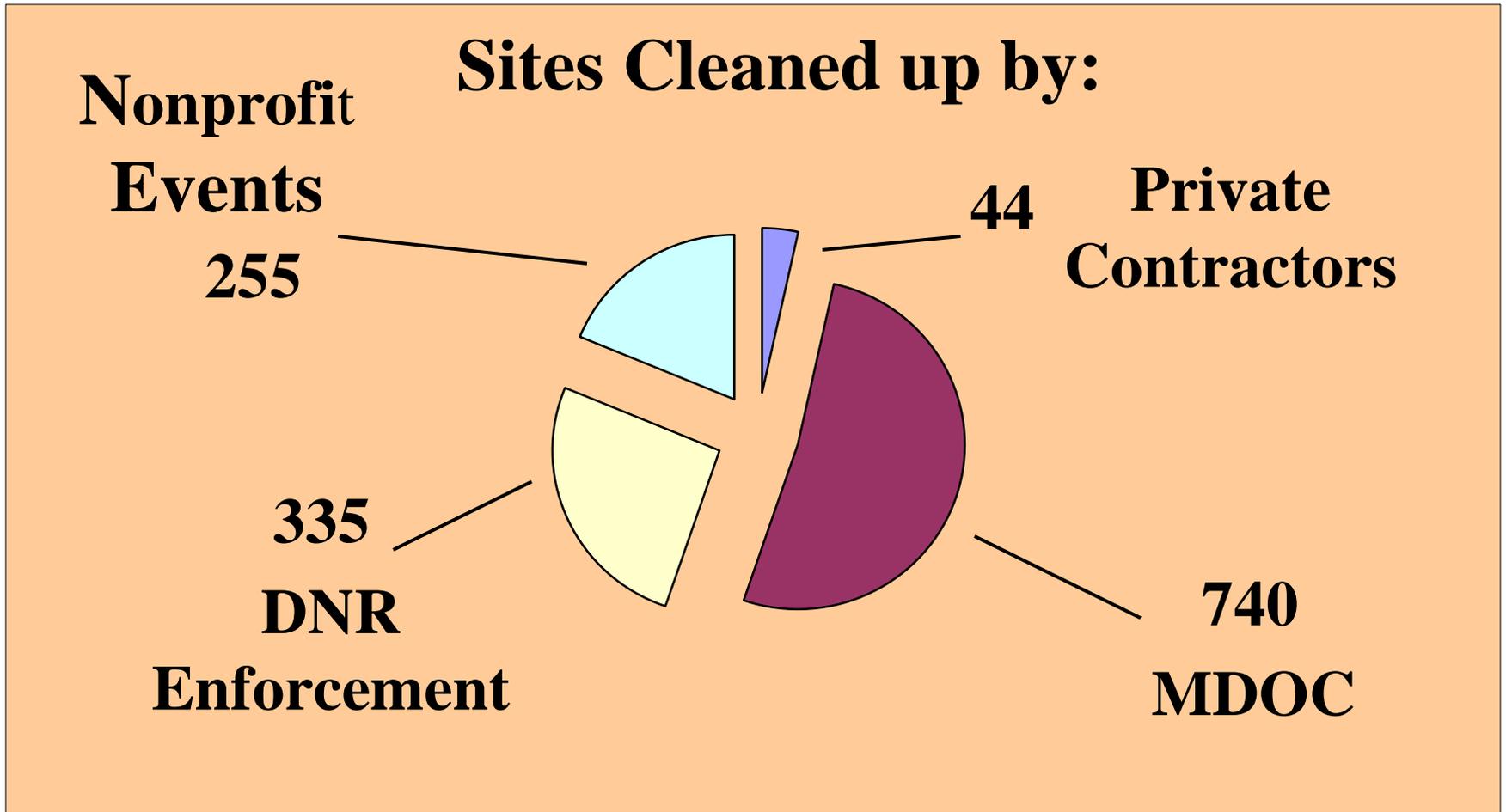
(through 3/31/16)

**Tires Removed by:  
(17,539,714 Total Tires)**



# Scrap Tire Cleanup Status

(through 3/31/16)



# **Tire Dump Roundup Program**

- Press Release issued November, 2006
- Free roundup cleanups began in December 2006
- MVE conducts cleanups
- 594 sites reported
- 557 sites cleaned up - 2,427,194 tires
- **Program Ending Summer 2016**



# EXAMPLE



BEFORE



# EXAMPLE



# EXAMPLE



# EXAMPLE







Example



# Current Cleanup Strategy

## Non-Profit Cleanups

- West Nile Virus heightened interest in '02
- Zika Virus heightened interest in '16
- Statute allows for nonprofit groups to clean up tires and be reimbursed by the fund
- SWMP encourages participation
- 255 Events – 372,542 tires

# STATUS of FY16 GRANTS

- DUE DATE: March 18, 2016
- # APPLICATIONS RECEIVED:
  - Playground 35
  - Non-Playground 15
- FUNDING ALLOCATED:
  - Playground - \$150,000
  - Non-Playground - \$150,000
- #APPLICATIONS RECOMMENDED FOR FUNDING:
  - Playground 9
  - Non-Playground 11
- ANTICIPATED AWARD DATE: June 1st

# Grants Statistics

Since 1990

440 projects awarded to date (FY2015)

Used 9,950 tons tires

Reimbursed \$3,829,546



# FY2013 Non-playground, pour-in-place



Drexel R-IV School District  
Cass County/KCRO

# FY2014 Non-playground, molded products



St. Charles County Juvenile Detention Bldg.  
St. Charles County/SLRO

# FY2013 Playground, pour-in-place



City of Perryville City Park  
Perry County/SERO

◆ **QUESTIONS?**

**Dan Fester**

**Chief**

**Scrap Tires & Illegal Dumping Unit**

**573-751-5401 (office)**

**573-526-3902 (fax)**

**dan.fester@dnr.mo.gov**