



Scrap Tire Advisory Committee Meeting Minutes

Introductions & Updates:

- Welcome New Staff
 - Kalamazoo District Staff – Krista Hettich
 - Solid Waste Section Staff – Fedora Love
 - Enforcement Unit Staff – Dave Willard
 - Enforcement Unit also be hiring one additional staff person, process underway
- Part 115 Solid Waste Update was provided by Liz Browne. There are two opportunities for the bill to be introduced, one in July and one in August.

Previous STAC Meeting Minutes:

- Minutes for 02/27/18 meeting were sent. Comments received from Gary Melow and were incorporated. Minutes have been finalized and placed on the website:
https://www.michigan.gov/deq/0,4561,7-135-3312_4123_4122-143641--,00.html

Guest Speaker:

- Sarah Allin, Renewable Infrastructure Solutions (RIS)
 - <http://www.renewableinfrastructuresolutions.com/>
 - RIS is producing a green alternative to concrete made of recycled glass, rubber, and using either epoxy or organic binders based on tree nut oils.

Topics:

- Enforcement Cases
 - Two criminal cases with DEQ-EIS (illegal dumping/hauling)
 - Case with local prosecutor in Clare County (Saginaw Bay District)
- Portable shredders
 - Two applications for portable shredder registrations have been received. One was for a rental shredder, which was returned by the renter due to difficulty of use.
 - Processors have not heard of other portable shredders being operated at this time.
 - Please notify [Kirsten Clemens](#) if unregistered portable shredders are being used.
 - Junkyards using portable shredders may need to register as a collection site depending on the number of tires.
 - Suggested that manufacturers of rental shredders are targeted and that they should notify DEQ when a rental is going to be operated in Michigan.
- Potential Statute Updates
 - Suggestions for potential updates are being collected. Please send proposed language to [Kirsten Clemens](#).
- Equipment
 - Butty Manufacturing Tire Cutters
 - http://www.buttymfg.com/tire_cutters.htm
 - https://www.youtube.com/watch?v=w3hh_WLOuWA
- Electronic manifests – DEQ is investigating potential use of Re-TRAC (www.re-trac.com)

Registration Updates:

- Collection Sites
 - 2018 Registrations (as of 06/15/2018)

- 30 - 2018 Registered
 - 6 Outstanding Applications (3 incomplete awaiting additional information)
- 34 - 2017 Registered
- 35 - 2016 Registered
- 40 - 2015 Registered
- Haulers
 - 2018 Registrations (as of 06/15/2018)
 - 114 - 2018 Registered
 - 13 Outstanding Applications (6 incomplete awaiting additional information)
 - 147 - 2017 Registered
 - 155 - 2016 Registered
 - 236 - 2015 Registered

Grant Updates:

- Clean-up
 - Possible use of SIGMA for applications in 2019
 - Processors at the meeting estimated that they are approximately 20% done with contracted clean-ups.
- Market Development
 - Possible use of SIGMA for applications in 2019
- Law Enforcement
 - Investigating possibility of grant funding for law enforcement use as reward money to identify individuals dumping tires
- Proposed Tire Market study will be done as part of the 2018 Market Development Grants.

Tire Derived Fuel (TDF):

- Updated TDF (2012 – 2017) spreadsheet circulated during the meeting. Annual TDF tonnage by year is shown below.
- Gary Melow, Michigan Biomass
 - Estimates 30% drop in TDF since 2013
 - Resource plans are open for public comment, the case has been pushed back to October or November
- State of Michigan historical TDF usage:

| State of Michigan TDF | | |
|-----------------------|------------------|------------|
| 2012 | 129302.69 | TON |
| 2013 | 117623.21 | TON |
| 2014 | 120770.54 | TON |
| 2015 | 122130.77 | TON |
| 2016 | 91333.30 | TON |
| 2017 | 74134.09 | TON |
| TOTAL | 655294.60 | TON |

Miscellaneous Topics:

- Conferences:
 - 2018 California Conference:
<http://www.cvent.com/d/z tq027/6X>
 - 2018 Colorado Waste Tire Conference:

- <https://www.colorado.gov/cdphe/co-2018-waste-tire-conf>
- 2018 Rubber Recycling Symposium – Taking Sustainability to the Next Level, Niagra Falls, Ontario
<https://www.eventbrite.ca/e/2018-rubber-recycling-symposium-november-7-8-tickets-44851280387>
- Mike Demski at Deerpath Recyclers has two compression molding machines for sale.
- Mike Demski asked about getting the building code changed for utilizing scrap tire material as backfill material.
- Questions about electronic sensors in newer tires, super singles and also “sticky” layers in tires that make them difficult to process. Rhonda Oyer will bring up at the next National Scrap Tire Workgroup call. John Sheerin of US Tire Manufacturers may be able to provide information.

Attendees List:

- Sarah Allin, Renewable Infrastructure Solutions
- Dan Mullins, CM Rubber
- Rebecca Mullins, CM Rubber
- Michael Demski, Deerpath Recyclers
- Bud Dingus, Environmental Rubber
- Gary Melow, Michigan Biomass
- Jordan Sines, Rieth-Riley
- Pete Capon, Rieth-Riley
- Donna Knowlton, Cobalt Holdings
- Sean Hammond, Michigan Environmental Council
- Alan Huffman, Huffman Rubber
- Brian Radtke, Silver Lining Tire
- Tom Frazier, Michigan Townships Association
- John Becsey, Asphalt Paving Association (phone)
- Chris Phillips, Michigan Waste Industries Association (phone)
- Ken Cerny, DEQ-EIS
- Dan McGeen, DEQ-AQD
- Rhonda Oyer, DEQ-WMRPD
- Jeff Spencer, DEQ-WMRPD
- Greg Morrow, DEQ-WMRPD
- Andrew Shannon, DEQ-WMRPD
- Krista Hettich, DEQ-WMRPD
- Wendy Lukianoff, DEQ-WMRPD
- Mary Ann St. Antoine, DEQ-WMRPD (phone)
- Ann Vogen, DEQ-WMRPD
- Kirsten Clemens, DEQ-WMRPD

Next Meeting – October 30, 2018, 9:00 a.m. – CANCELLED