



**Scrap Tire Advisory Committee Meeting
Constitution Hall**

CH	ph	STAFF / GUESTS	CH	ph	DEQ SCRAP TIRE STAFF
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Erik Foster, DHHS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Rhonda Oyer, SWS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Jennifer Sidge, DHHS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Jeff Spencer, SMMU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ken Cerny, DNR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fred Sellers, DS
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Dan McGeen, DEQ	<input type="checkbox"/>	<input type="checkbox"/>	Rich Brim, Enforcement
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gary Melow, Michigan Biomass	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Kirsten Clemens, SMMU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Donna Knowlton, Cobalt Holdings	<input type="checkbox"/>	<input type="checkbox"/>	Michelle White, SMMU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Michael Demski, Deerpath Recyclers	<input type="checkbox"/>	<input type="checkbox"/>	Fedora Love, SMMU
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Red Clark, Asphalt Plus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lori Babcock, Saginaw Bay
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Bud Dingus, Environmental Rubber	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Jenny Bennett, Cadillac/Gaylord
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chris Phillips, Landfill Management	<input type="checkbox"/>	<input type="checkbox"/>	Brett Coulter, Jackson
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Matt Troyer, Entech	<input type="checkbox"/>	<input type="checkbox"/>	Jill Coulter, Lansing
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Brian Radtke, Silver Lining	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wendy Lukianoff, SEMI
<input type="checkbox"/>	<input checked="" type="checkbox"/>	John Sheerin, US Tire Manufacturers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Wade O'Boyle, Grand Rapids
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mary Ann St. Antoine, UP
<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anne Vogen, Detroit
<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	Vacant, Kalamazoo
<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Christina Campbell, Admin.

Introductions & Updates:

- Introductions
 - Scrap Tire Coordinator – Kirsten Clemens
 - SEMI District Staff – welcome Wendy Lukianoff
 - Kalamazoo District Staff – interviews completed, announcement soon (Update: new staff person Krista (Woodhouse) Hettich (joined DEQ on March 12, 2018)
 - Jeff Spencer provided an update on the Part 115 Solid Waste draft legislation.

STAC Comments/Updates:

- Appointee list sent prior to meeting for comments/edits. Please send any changes to clemensk@michigan.gov

September 20, 2017 STAC Meeting Summary:

- Minutes for 09/20/17 meeting were sent prior to this meeting for comment. There were no updates or comments received on the meeting notes. The notes will be finalized and included in updates to the STAC website. (Posted 03/2018)

Registration Updates (as of time/date of meeting):

- Collection Sites
 - 32 - 2018 Applications
 - 34 - 2017 Registered
 - 35 - 2016 Registered
 - 40 - 2015 Registered

- Haulers
 - 125 - 2018 Applications
 - 147 - 2017 Registered
 - 155 - 2016 Registered
 - 236 - 2015 Registered

Grant Updates:

- Clean-up
 - 85 applications received, 82 funded
 - Funding exceeds \$1.2 million.
 - 4 - 2017 CU Grants still open, pending final closure
 - 0 - 2016 CU Grants still open, pending final closure
- Market Development
 - 20 applications, 10 funded
 - Full applications submitted this year, no letter of interest
 - Funding nearly \$2.3 million
 - 14 - 2017 MD Grants still open
 - 3 - 2016 MD Grants still open
 - 0 - 2015 MD Grants still open
 - Market Development Grant funding is available to processors for equipment (example is a shear to cut OTR)
 - Coordinator will be putting together a compendium of previous MD Grant projects
- Law Enforcement – one grant application approved for cameras to prevent dumping
- Coordinator preparing a listing of historical grants, projects and results
- Coordinator to have applications posted earlier and get the grants back on a routine schedule
- Proposed Market Development study

Tire Derived Aggregate (TDA) & Rubberized Asphalt:

- Red Clark, Asphalt Plus
 - Michigan lags behind with usage of rubber in asphalt in other states
 - There is a barrier with the MDOT specs
 - Need to get MDOT on the STAC agenda and have their staff attend STAC meetings
 - DEQ needs to look at project and find out what has worked and what has failed
 - Illinois Tollway is utilizing rubber – 5,000,000 pounds of rubber in major paving projects in Illinois
 - Missouri DOT has specification
 - Red can provide information and data for MDOT to review
 - Suggestion of meeting with MDOT, Red Clark and Seneca
 - Red does webinars, contact him to subscribe
- Mike Demski, Deerpath
 - Use of TDA needs to be in the Code books
 - Suggested designation of inertness be shared with LARA
 - Request to Mike to provide some photographs of TDA being used in a septic system installation
- Designation of inertness (updated 03/2017) will be added to the Scrap Tire website:
http://www.michigan.gov/documents/deq/deq-whmd-stp-Designation-TireInert_247522_7.pdf

- STAC members feel that it is necessary for MDOT staff to be part of the discussions in the STAC meetings

Tire Derived Fuel (TDF):

- Gary Melow, Michigan Biomass
 - Scrap Tires & Biomass: <https://youtu.be/02rxuKCSASI>
 - Gary gave an update on biomass and PURPA legislation
 - There is a template available for writing legislature in favor of biomass. Gary will provide template if asked.
 - Hillman provides 60% of the water plant usage, could the water plant still operate if there is no biomass usage?
 - The MPSC approved the Filer City contract to convert to all natural gas generation, eliminating a use for two million tires.

Miscellaneous Topics:

- Brian Radtke, Silver Lining
 - Increases in landfill surcharges announced by Governor, how will this affect scrap tire disposal in the future?
 - Electronic registration applications and electronic transportation records. It would be beneficial to have software available to produce manifests. Unfortunately, DEQ currently does not have computer programming capabilities. Would e-manifesting require Statute changes? Are other states using e-manifests?
- Interest in a law enforcement training regarding scrap tire hauling. Also interest in a short charges card that spells out ticketable offences. Detective Sergeant Ken Cerny should be included in the partnership.
- Website: www.rubberexchange.com
- Mike Demski, Deerpath
 - Tire store accountability
 - District List for dealers
- Has rubber in concrete been tried? Yes, at least one Market Development grant project with one of the universities (MTU, Dr. Dai) has utilized rubber in the roads.
- Tire recycling can be reported in RETRAC. There is a possibility of retailers and e-manifesting through RETRAC can be investigated.
- “Q” article on grants
- “Q” article on biomass and scrap tires

Mosquitoes & Sampling – Erik Foster, DHHS:

- Erik Foster, Medical Entomologist for DHHS gave a presentation about mosquitoes and emerging diseases in Michigan.
- Last year Asian Tiger (aedes albopictus) mosquitoes were located at a retail store in Livonia. The mosquitoes came in with new tires from overseas.
- Mosquito collection was done in Livonia and sister store in Grand Rapids. Asian tiger mosquitoes were found at Livonia site.
- Asian Tiger mosquitoes are capable of carrying zika virus.
- <http://www.michigan.gov/emergingdiseases/>

Attachments:

- TDF usage obtained from Air Quality Division (AQD), an update will be provided at the 06/19/2018 STAC meeting
- California Conference – August 2018: <http://www.cvent.com/d/ztq027/6X>

- Circulating Fluidized Bed Boiler information from MDEQ-AQD

Next Meetings - Appointments will be sent

- **June 19, 2018, 9:00 a.m.**
- **October 30, 2018, 9:00 a.m.**
- **February 26, 2019, 9:00 a.m.**