



## Scrap Tire Advisory Committee Meeting 06/18/2019 Minutes

Attendees: Chris Phillips, Neil Frey (phone), Crystal Rogers (phone), Gary Melow, Mike Demski (phone), Brian Chomas, Dan McGeen, Tom Frazier (phone), Matt Lamb, Marc Jaruzel, Lance Malburg (phone), Brian Radke (phone), John Sheerin (phone), Rhonda Oyer, Jeff Spencer, Kirsten Clemens, Scott Zajac, Krista Hettich, Wendy Lukianoff, Ann Vogen, Jon Vruggink, Katriena Guilmette

### Introductions & Updates:

- Introductions
- Welcome – Katriena Guilmette – new contact for hauler and collection site bonds

### Guest Speaker:

- Matt Lamb, [Porous Pave](#)
  - Two products:
    - XL which is 50% rubber / 50% aggregate
    - XLS is 100% rubber, 300 tires per 1,000 square feet
    - 27% void space
    - Can be installed in temperatures down to 45 degrees
    - Also manufacturing Sand Guard bunker liners for golf courses
  - Have currently used 13 million pounds of tires (11 million pounds from Michigan)
  - Can use material over existing surface
  - Minnesota has converted over 70% of tennis courts into pickle ball courts
  - Grand Rapids tree surround project
    - Easier maintenance (hypodermic needles are frequent in tree grates, cause haz-mat response and additional expense)
    - Lowers trip hazard and potential lawsuits
    - Sloughs off as trees grow
  - Non-skid properties, ADA compliant
  - Flexible – resists cracking/heaving – 50% rubber allows the product to move
  - Can be applied down to 45 degrees and cures in 24 hours
  - Paths/Trail applications
    - Dow Gardens (Midland)
    - MSU walkways
    - Arlington National
  - Leaching Question (John Sherrin) – leaching test report is available
  - Golf application
    - Cart paths – Bell Mead (TN) and Augusta National (GA)
    - Sand Guard product XLB
  - Playground surfaces – fall rating (4-9 feet) with safety pad and porous pave XLS
  - Pool surrounds
  - Typically, more expensive than asphalt (upfront costs) – need to consider true Life Cycle Analysis costs
  - Comment: need to look for a joint project that highlights porous pave, tire mulch, other sustainable materials in landscaping (i.e. Clare Welcome Center)
  - Municipal interest – anti-skateboarding issues (not an ideal surface)
  - Porous pave versus concrete cost comparison needed (with Life Cycle Analysis)

**Topics:**

- Michelin and GM Announce [Airless Tires](#) for Passenger Vehicles
  - How to handle recycling rubber treads with carbon fiber rims
  - Bridgestone also has prototype
  - Similar issues with self-sealing tires (i.e. Tiger Paw)
  - Goodyear self-sealing tire has yellow sticky substance that jams up processing equipment per Deerpath; concerns about no communication between tire manufacturers and processors
- [End Use Report for Calendar Year 2018](#)
- TDF:
  - 7 biomass plants in operation
  - 3 contracts ended/status
    - New contracts for Viking Lincoln and McBain for 8 year terms with 20% rate cut (tied to natural gas market pricing)
    - Hillman contract is signed pending PSC approval with approximate 25% reduction in fuel consumption
    - Filer City contract is 2025
  - Continuing to work on keeping the plants viable, very important to their local economies and northern Michigan
- Enforcement cases:
  - Successful bond call for hauler bond (\$10,000) - improper disposal of scrap tires project to put fire lanes/mosquito control will be put out to bid
  - Several other bond call-ins are in progress

**Registration Updates:**

- Collection Sites
  - 2019 Registrations (as of 05/29/2019)
    - 37 - Registered
    - 3 - Outstanding (with District for review)
    - 3 - Administratively incomplete awaiting information
  - 42 – 2018 Registered
  - 34 - 2017 Registered
  - 35 - 2016 Registered
  - 40 - 2015 Registered
- Haulers
  - 2019 Registrations (as of 0x/xx/2019)
    - 133 - Registered
    - 7 - Outstanding (with District for review)
    - 3 - Administratively incomplete awaiting information
  - 138 - 2018 Registered
  - 147 - 2017 Registered
  - 155 - 2016 Registered
  - 236 - 2015 Registered

**Grant Updates:**

- 2019 Clean-up
  - 65 applications funded for \$983,244
  - Working through system changes that have affected timely payments and reimbursements
- Lake Superior tire cleanup working with the grantee (Lake Superior Watershed Group)

- [EGLE Drone footage from Ontonagon](#)
- Superior Watershed Partnership is grantee, they have student interns assisting
- Working on permitting issues and access agreements
- 2018 Clean-up:
  - 3 did not utilize grant funding
  - 82 grantees = \$865,000 (490,000 PTE) – numbers will increase with pending closeout numbers from the City of Detroit
  - \$865,092.39 spent to date (one grant was extended until 05/31/19)
  - 489,039 passenger tire equivalents to date
- Market Development
  - Scrap tire paving – research project for transportation committee
  - 31 eligible applications received requesting in excess of \$8 million in 2019
  - [2019 Market Development grants](#)
    - Entech
    - Cobalt
    - City of Mackinac Island
    - Marquette County Solid Waste Management Authority
    - Kent County Road Commission
  - Scrap Tire Market Development study RFP applications have been reviewed
- Dickinson County Road Commission project (2018 MD Grant)
  - Good press coverage – both during active project and at ribbon cutting ceremony
  - Partnership with Michigan Technological University
  - 3 test phases
  - Project partners/contractors – Asphalt Plus/Bacco
  - Dry process – first time in MI
- Midland County Road Commission project (2017 MD Grant)
  - TDA for stormwater control including testing
  - RMA in road surface
- Law Enforcement grant with City of Detroit Police Department has been executed
  - Two police officers assigned and will be also working with local community officers
  - Hoping for prosecutions
  - Stepping up local enforcement in partnership with District scrap tire staff
  - Grant kick-off meeting is June 26, 2019

**Miscellaneous Topics:**

- Conferences:
  - [6<sup>th</sup> Annual International Conference on Recycled Rubber & Plastic Products](#): September 11 – 12, 2019 (Mobile, AL)
  - [8<sup>th</sup> Scrap Tire Recycling Conference](#): December 4 – 5, 2019 (Greenville, SC)
  - [2020 California Tire Conference](#): March 18 – 19, 2020 (Sacramento, CA)
- Websites:
  - [TRIB – Tire Retread & Repair Information Bureau](#)
- Storage Unit Issues: Contractual language needed – potential to work with trade organization/association

**Next Meetings:**

- **OCTOBER 29, 2019**
- **FEBRUARY 25, 2020**