

**SCRAP TIRE ADVISORY COMMITTEE
10/26/2021 MEETING MINUTES***ATTENDEES ARE LISTED AT END OF MINUTES***STAC TOPICS**

- Special Guests:
 - Ran Zemir – Levgum presentation
 - Sam Kauffman – Entech presentation – rubberized chip seal
 - Cactus Paving, Jeff Smith
 - Michigan chip seal expert
 - County road commissions – Antrim, Bay & Wexford
 - 126 lane miles (or 63 miles of 2 lane road)! Five weeks of work, completed just prior to Labor Day.
 - 600,000 pounds of crumb rubber or 850 tires per mile
 - Mobile blending unit and 30,000 gallon heated tank, 2 spreader trucks, etc.
 - <https://drive.google.com/file/d/1cqMKHPgSE2dhXddegr803Aw8XKe5ZyMT/view>
 - Lower PASER rating roads – How is the roadway evaluated afterward? Pre-maintenance is done prior to chip sealing, including crack filling.
 - How does this material “recycle” at end of road life? RCS doesn’t limit the recycling potential for the asphalt.
 - MDOT is changing policy similar to Wisconsin to do emulsion chip seal on newer roads.
 - Entech also put 200 feet of terminal blend/wet process (not chip seal) on the NCAT test track in Alabama.
- Grants
 - CU Grants, 2021
 - 51 closed
 - 53 open
 - 37 accounts payables set up for grant activities prior to 10/01/2021
 - To date (Kirsten’s numbers, not Admin)
 - \$582,656.62
 - 134 individual reimbursements processed
 - 336,736 passenger tires
 - MD Grants
 - 2019 – 2 open
 - 2020 – 1 open
 - 2021 – 8 open, 1 closed
 - LE – 2 Detroit Police Department grants open
 - 2022 Application cycle – EGLE has a budget, still waiting for spending authority approval. Grant applications will be available soon after spending authority approval.
- Phase II Michigan Scrap Tire Roads Study – RRS
 - Evaluating previous scrap tire road projects
 - Small advisory group created
 - Three academic experts assisting in evaluation
 - Dr. Hadar, MSU
 - Dr. You, MTU
 - Dr. Bandara, Lawrence Tech
- Next Cycle MI (NCMI) - RRS
 - www.nextcyclemichigan.gov
 - Roads segment is now open for online applications! Roads are one of six acceleration tracks.
 - Centrepolis Accelerator (www.centrepolisaccelerator.com) at Lawrence Tech is part of NCMI.
 - Goal is to increase the amount of recycling in Michigan and can include scrap tires.

- TDF – Gary Melow
 - Don Adams is no longer with Viking Energy
 - Viking Energy is now National Energy
 - All facilities are dispatched up due to high demand and high gas prices.
 - Natural gas has nearly tripled in price since September of 2020.
 - Even Hillman operated in July and August of this year.
 - Have run into trucker shortage.
 - Grayling is having issues getting material in through their gate, they are full load for the next six months. This is due to Consumers Energy doing transformer repairs.
- LaFarge Holcim (LH)
 - Grant agreement signed and is fully executed
 - LH is in process of getting permits in place so they can begin constructions, it is likely construction will begin next year
- 2021 Registrations (as of 10/18/21)

2021	Registered	Pending
Collection Sites	45	4
Hauler	149	6

- 2020 Registrations

2020	Registered
Collection Sites	45
Hauler	134

- Annual registrations – Coming soon!
 - ReTrac edits are in process. Hoping to have mid-November.
- Enforcement
 - Criminal case - open burning of scrap tires in Hillsdale County
- US Scrap Tire Workgroup (USSTWG)
 - Annual meeting was 10/25/2021
 - Kirsten presented as chair of Rubber Modified Asphalt Committee (pdf of slides are attached)
- Arbovirus Call Updates
 - West Nile
 - 5 equine cases (Kent, Lenawee, Midland, Sanilac, Montcalm)
 - 40 human cases
 - Eastern Equine Encephalitis
 - 8 equine cases (Barry, Genesee, Ingham, Livingston, Otsego*, Shiawassee* (2 cases))
**these counties have never had diagnosed cases before this year*
 - 2 rough grouse cases (Marquette)
 - 1 moose case (Marquette)
- Next Meeting – February 22, 2022 (9 to noon) – may be virtual still?
 - Next meeting will include a discussion about environmental justice. Ask Rhonda
 - Supplemental environmental projects and how they can be used in enforcement responses.
- **Grant & Registration e-mails (questions, comments, invoices, etc.) please send to EGLE-SCRAPTIRE@MICHIGAN.GOV**

Attendees:

- Bud Dingus, Environmental Rubber Recycling
- Neal Frey, Entech
- Terry Gray, TAG
- Bill Hall, RRS
- Sean Hammond
- Sam Kauffman, Entech

- Matt Lamb, Porous Pave
- Gary Melow, Michigan Biomass
- Brett Stanton, APAM
- Monte Niemi, I Do TDA
- Chris Phillips, Michigan Waste Industries Association
- Crystal Rogers, City of Detroit
- John Sheerin, US Tire Manufacturers Association
- Chris Theriot, RRS
- Ran Zamir, Lev gum
- Brian Chomas, MDOT
- EGLE
 - Kirsten Clemens
 - Jill Coulter
 - Katriena Guilmette
 - Wendy Lukianoff
 - Rhonda Oyer
 - Fred Sellers
 - Jeff Spencer
 - Ann Vogen
 - Scott Zajac

MINUTES SENT VIA E-MAIL TO:

ranz@levgum.com;

STAC:

Ada Takacs (takacs@michigan.gov); ADIL SIDDIQI <asiddiqi@waynecounty.com>; Alex Dawe <alex@americanrecycling.com>; Amy Drumm (adrumm@retailers.com); bart@therubberguys.com; Bean, Lawrence (EGLE) <BEANL@michigan.gov>; bfields@meeekhoftire.com; Bill Halen (whallan@retailers.com); Bill Hall <bhall@recycle.com>; Bob Watters <bob.watters@shrader.biz>; Brett Stanton <bstanton@apa-mi.org>; Brian Radkte (bradtke@wyan.org); Browne, Elizabeth (EGLE) <BROWNE@michigan.gov>; BUD DINGUS (bdingus@fortistar.com); Burford, Lori (DNR) <BurfordL@michigan.gov>; Chomas, Brian (MDOT) <ChomasB@michigan.gov>; Chris Phillips (cphillips@bestway-disposal.com); Chris Theriot <ctheriot@recycle.com>; Chuck Mills (cmills@apa-mi.org); Clark, Alexandra (EGLE) <ClarkA37@michigan.gov>; Crystal Rogers (gilbertcr@detroitmi.gov); DAN BATTS (DJB@LANDFILLMANAGEMENT.COM); Dan Mullins (dan1961.dm@gmail.com); dcarlson@libertytire.com; Dennis Allen (dallen@cobaltrubber.com); DICK GUST (DGUST@LIBERTYTIRE.COM); Dickman, Rob (EGLE) <DICKMANR@michigan.gov>; Don Adams (donald.adams@gdfsuezna.com); Donna Knowlton (dknowlton@cobaltrubber.com); Gary Melow (gary.melow@michiganbiomass.com); Greenberg, Jill (EGLE) <GreenbergJ@michigan.gov>; Grossman, Christine (EGLE) <GROSSMANC@michigan.gov>; Hettich, Krista (EGLE) <HettichK@michigan.gov>; huffmanrubber@voyager.net; info@deerpathrecyclers.com; Jim Huffman (jhuffman33@hotmail.com); John Barak (barakj@michigan.gov); JOHN DEMERJIAN (JDEMERJIAN@WAYNECOUNTY.COM); JOHN LaMACCHIA II (JLAMACCHIA@MML.ORG); JOHN PRYMACK (prymackj@gdrra.org); JOHN SHEERIN (JSHEERIN@USTIRES.ORG); Jordan Sines <jsines@rieth-riley.com>; Joseph Shrader (joe.shrader@shrader.biz); Kecskemeti, Tracy (EGLE) <KECSKEMETIT@michigan.gov>; KEELI BAKER (KBAKER@MHSA.COM); Kelpinski, Joseph (MDARD) <kelpinskij@michigan.gov>; Kennedy, Kevin (MDOT) <KennedyK@michigan.gov>; Kimberly Smelker (ksmelker@grangernet.com); lavon.detweiler@4entech.com; Lee, Lonnie (EGLE) <LEEL@michigan.gov>; Loanna Ammerman (Lammerman@legislature.mi.gov); Mary Sikora (mary_s@ix.netcom.com); Matt Lamb <matt.lamb@porouspaveinc.com>; Matt Troyer <matt.troyer@4entech.com>; Matthew Smego (msmego@michfb.com); McGeen, Dan (EGLE) <MCGEEND@michigan.gov>; montemkn1@aol.com; Morrow, Greg (EGLE) <MORROWG@michigan.gov>; Neal Frey (neal.frey@4entech.com); Oyer, Rhonda (EGLE) <OYERR@michigan.gov>; Palnau, Judy (EGLE) <palnauj@michigan.gov>; Peter Capon (pcapon@rieth-riley.com); Randy Whipple (Ransalvage1983@aol.com); Rebecca Mullins (Rebecca@cmrubbertech.com);

Redmond Clark (rclark@Blastox.com); Robert Meyer Jr. (bmeyer@cadillaccasting.com); RONALD BRUNDIDGE (brundidge@detroitmi.gov); Roycraft, Phil (EGLE) <ROYCRAFTP@michigan.gov>; Sam Kauffman <sam.kauffman@4entech.com>; Sarah Mensch <sarah@menschmfg.com>; sarah.allin <sarah.allin@renewableinfrastructuresolutions.com>; Sean Hammond (sean@environmentalcouncil.org); Sellers, Fred (EGLE) <SELLERSF@michigan.gov>; Spencer, Jeff (EGLE) <SPENCERJ3@michigan.gov>; Steve Baird (sbkb@wowway.com); Steve Currie (scurrie@micounties.org); tagray@flash.net; Tom Frazier (tom@michigantownships.org); TONIA OLSON (TOLSON@GRANGERNET.COM); Vogen, Ann (EGLE) <VOGENA@michigan.gov>; Wayne Shotwell (wshotwell@belletire.com); White, Michelle (EGLE) <WhiteM13@michigan.gov>; Zellinger, James (EGLE) <ZellingerJ1@michigan.gov>; zyou@mtu.edu

EGLE-MMD-ScrapTire

Babcock, Lori (EGLE) <BabcockL4@michigan.gov>; Bennett, Jenny (EGLE) <BENNETTJ6@michigan.gov>; Clark, Matthew (EGLE) <ClarkM42@michigan.gov>; Clemens, Kirsten (EGLE) <CLEMENSK@michigan.gov>; Coulter, Brett (EGLE) <CoulterB1@michigan.gov>; Coulter, Jill (EGLE) <CoulterJ5@michigan.gov>; Guilmette, Katriena (EGLE) <GuilmetteK@michigan.gov>; Kecskemeti, Tracy (EGLE) <KECSKEMETIT@michigan.gov>; Love, Fedora (EGLE) <LoveF1@michigan.gov>; Lukianoff, Wendy (EGLE) <LukianoffW@michigan.gov>; Oyer, Rhonda (EGLE) <OYERR@michigan.gov>; Sellers, Fred (EGLE) <SELLERSF@michigan.gov>; Spencer, Jeff (EGLE) <SPENCERJ3@michigan.gov>; St Antoine, Mary Ann (EGLE) <StAntoineM@michigan.gov>; Vogen, Ann (EGLE) <VOGENA@michigan.gov>; White, Michelle (EGLE) <WhiteM13@michigan.gov>; Zajac, Scott (EGLE) <ZajacS@michigan.gov>