

AGENDA
AASHTO Subcommittee on Materials - 2014
Technical Section 5b; Environmental Quality Measures
February 19, 2014; 1:00 PM Eastern
Via Webinar

- I. **Welcome**
- II. **Approval of Minutes from February 14, 2013**
 - a. **First Motion – Bob Burnett - NYDOT**
 - b. **Second Motion – Aaron Gillispie – WVDOT (V. Chair)**
 - c. **Carried**
- III. **Attendees for today’s meeting are:**

Name	Representing State / Company	Email Address	Phone	Designation	Member Type
Cowsert, Jack E.	NC	jcowsert@ncdot.gov	919-733-7088	Chair	Voting
Gillispie, Aaron C.	WV	aaron.c.gillispie@wv.gov	304-558-3160	Vice Chair	Voting
Rothblatt, Evan	AASHTO	erothblatt@ashto.org	202-624-3648	Liaison	Non-Voting
Stolarski, Phil J Keith Jones (proxy)	CA	phil_stolarski@dot.ca.gov	916-227-7254	Member	Voting
Geary, Georgene M.	GA	ggeary@dot.ga.gov	404-608-4712	Member	Voting
Rawson, Alan D.	NH Absent	arawson@dot.state.nh.us	603-271-3151	Member	Voting
Burnett, Robert A.	NY	bburnett@dot.state.ny.us	518 457-4712	Member	Voting
Mullis, Cole F.	OR Absent	cole.f.mullis@odot.state.or.us	503-986-3115	Member	Voting
Lacinak, Henry	AASHTO	hlacinak@ashto.org	225-752-2877	Member	Non-voting
Lutz, Robert	AMRL	rlutz@amrl.net	240-436-4801	Member	Non-Voting
Knake, Maria	AMRL Absent	mknake@amrl.net	240-436-4804	Member	Non-voting
Lenker, Steven E.	AMRL Absent	slenker@amrl.net	240-436-4770	Member	Non-voting
Dabbs, Russell	AASHTO	rdabbs@ashto.org	202-624-7743	Non-Member	Non-voting
Smith, Greta	AASHTO	gsmith@ashto.org	202-624-5815	Non-Member	Non-voting
Rabun, J.T.	GA	JRabun@dot.ga.gov	404-608-4740	Non-Member	Non-voting
Harris, Joubert	LA	joubert.harris@la.gov	225-248-4141	Non-Member	Non-voting
Felag, Mark	RI	mfelag@dot.ri.gov	401-222-2524	Non-Member	Non-voting

IV. Actions on standards

Number	Name	Action required	Steward
R8-96(2009)	Evaluation of Transportation-Related Earthborne Vibrations	Needs Reconfirmation	Robert Burnett (NY)
R16-04(2009)	Regulatory Information for Chemicals Used in AASHTO Tests	Needs Reconfirmation	Robert Burnett (NY)
R21-96(2009)	Drilling for Subsurface Investigations - Unexpectedly Encountering Suspected Hazardous Materials	Needs Reconfirmation	Robert Burnett (NY)
R22-97(2010)	Decommissioning Geotechnical Exploratory Boreholes	None	Robert Burnett (NY)
R23-99(2008)	Chemical, Biological, and Physical Analysis of Water	TS Reconfirmed	Jack Cowser (NC)
R24-99(2008)	Collection and Preservation of Water Samples	TS Reconfirmed	Alan Rawson (NH)
R34-03 (2008)	Evaluating Deicing Chemicals	TS Reconfirmed	Alan Rawson (NH)
PP56	Evaluating the Engineering and Environmental Suitability of Recycled Materials	Approved by 83% in 2013 fall Subcommittee Ballot	Georgene Geary (GA)

**The following standards have all been reconfirmed:
R34, R24, R23.**

Standard PP56 has been successfully balloted as a full standard. R21 was discussed and according to Bob Burnett NYDOT there are no edits or problems that need addressed, so the standard will be submitted for a TS ballot for reconfirmation.

R8 was discussed and no significant revisions were identified. However, it was recommended that Bob Burnett NYDOT contact Alan Rawson NH to ask about some referenced research that may affect this specification. If there is no information to update, the standard will be submitted for a TS ballot for reconfirmation.

R16 was tabled for later discussion in this meeting.

V. Old Business

a. Mercury alternates –

- i. AMRL update - Maria Knake AASHTO AMRL was not in attendance for this meeting and no update was given, but Bob Lutz responded in an email to the Chair stating they are still working on this endeavor and trying to provide alternate wording when such issues come up for ballot.**

b. Fly Ash: Encouraging News – until recently

- i. Cowser NCDOT (Chair) - There has been good news for the beneficial use of Fly Ash, but in February there was a spill in NC which may have a negative impact. In 2000 the EPA designated Fly ash as non-hazardous and there was a significant increase in the beneficial use of fly ash. Then in 2008 there was a large spill in TN, and there has been no growth in the usage since. Very recently, the EPA seemed close to confirming fly ash as nonhazardous, and the US Senate passed a bill that is now in the House with bilateral support. Unfortunately in February of this year there was a spill in NC which has been designated the third largest spill in the US, and there could be a negative impact for use of fly ash.**
- ii. Geary GADOT - The law presently requires rules to be produced by December 2014. It was noted that coal to natural gas conversions on power plants could reduce the fly ash supplies.**
- iii. Jones CALTRANS – International Grooving and Grinding Association (IGGA) recently released documents pertaining to grinding residue produced from grinding concrete. CALTRANS has recently tested residual content. Regardless of what happens on the front end with respect to usage of fly ash in concrete mixes, States need to be aware that issues can come up later on how to dispose of fly ash within structures and pavements that are demolished or diamond ground.**

c. Crumb Rubber use in asphalt mixes

- i. Cowser NCDOT (Chair) – In last year's meeting there was discussion on whether TS 2b would pursue a survey of States to quantify the progress of Crumb Rubber use in Asphalt Mixes, but no further information has been developed for this meeting.**
- ii. Geary GADOT – GADOT has a Research Project which is testing crumb rubber asphalt mixes and comparing it to**

normal polymer asphalt mixes. Also there has been a recommendation by Colin Franco RIDOT that use of crumb rubber be included in the next Every Day Counts (EDC) round.

VI. New Business

a. R16 - Regulatory Information for Chemicals Used in AASHTO Tests

- i. Cowsert NCDOT (Chair) - Table 1 is in need of revision because the DOT numbering system has changed and the list of standards is not up to date.**
- ii. Lutz AMRL – This needs to be balloted to withdraw and discontinue this standard. This information is fluid and regulated by other bodies. The risk outweighs any benefit. Keeping it up to date is a monumental task.**
- iii. Cowsert NCDOT (Chair) – All this information is available on line.**
- iv. Geary GADOT – The scope may reflect that this was included prior to “right to know”. Now everyone has this information.**

SOM BALLOT ITEM:

**Georgene Geary GADOT - Motion to include in next full subcommittee ballot - discontinue R 16 (see attachment 1).
Bob Burnett NYDOT – second
Mark Felag RIDOT – comment – put rationale out with ballot to explain
Carried**

Rationale for ballot to discontinue R16: 29 CFR 1910.1200 “Hazard Communication” requires employers to provide information obtained from the supplier of chemicals to employees. This information is now readily available on the web and through the proliferation of ‘Right to Know’ training and awareness. Maintaining a document that repeats this information creates unnecessary work and liability if the information is revised in the original documents but is delayed in inclusion to the Standard.

b. Recycled Material Resource Center (RMRC)

- i. Geary GADOT — This TS is supposed to be the liaison to the RMRC which is housed at the University of Wisconsin – Madison with funding from a Pooled Fund with Wisconsin as**

the lead state. Dr. Tuncer Edil is heading that up. They are funded through a pooled fund.

ii. Greta Smith AASHTO – The AASHTO SOM has a recycling committee that is still on the books. The only member listed is Jim Pappas - DEDOT. Should that be moved to this committee? – The committee recommended “Yes”.

iii. Greta Smith AASHTO – The bi-annual Survey on Recycled Materials was formerly handled by Jim Pappas. This was not conducted last year.

1. Cowsert NCDOT (Chair) will touch base with Jim Pappas to see if he is still involved, etc.

iv. Geary GADOT – I added this into the operations guide. There were no comments.

c. Annual Meeting discussed

i. Meeting with RMRC representatives at the Annual Mtg. was proposed.

d. TS 5b Research Liaison

i. Currently this is listed as Jack Cowsert NCDOT (Chair) because he has not asked or delegated this task.

ii. Cowsert NCDOT (Chair) promptly delegated Aaron Gillispie WVDOT (V. Chair).

e. Geary GADOT – Reminded folks about the email sent earlier today requesting historical pictures, etc.

VII. Adjourn

Attachment: SOM Ballot to discontinue R16

Ballot item

AASHTO Subcommittee on Materials

Technical Section 5b; Environmental Quality Measures

SOM ballot item to discontinue R16: Regulatory Information for Chemicals. See page of the 4 of the minutes.