

Aggregate Quality Subcommittee - Agenda Items
May 16th, 2022 8:00 AM to 10:00 AM

Attendees:

Name	Affiliation
Adam Albers	BTS
Erik Lyngdal	BTS
Josh Seaman	BTS
Adam Johnson	BTS
Bob Downing	BTS
Mike Kleist	Peterson
James Pforr	FHWA
Dan Reid	BTS
Jack Peterson	Yahara
JR Ramthun	Michels
Mark Sander	Milestone
Erin Longmire	APW
Adam Johnson	BTS

Absent

Name	Affiliation

1. Introduction
2. Aggregate Sampling – Adam Johnson (guest)
 - a. Depending on the type of stockpile the sample pad creation method can differ (ASTM, AASHTO) so the supplier is responsible to making the best pad they can for the sample.
 - b. Spec changes:
 - i. **ACTION:** Spec calls out T2 to the user but that one is no longer available and directs user to R90. Update spec to direct them straight to R90.
 - ii. **ACTION:** Investigate adding to the spec that splits should be taken from the same pads for pre-placement stockpile sampling (QMP base or all cases?).
 1. It should be only for acceptance sampling. Consider adding it to the cmm instead of the ss.

3. Michigan DOT Test Strip – see attachments
 - a. Introduction and explanation of test trip concept.
 - b. Taking samples after compaction isn't advised by the committee, and then needing to take all samples that way going forward through the project would be difficult.
 - c. Improvements to stockpile sampling should be prioritized before changing sampling method. Generally unpopular with the committee.
4. Project scenario – Quality fails, stockpile passes, quality passes. Stockpile required?
 - a. **ACTION:** Revision to part 7 to make these scenarios clearer. Consider changing the language to only requiring it prior to placement.
5. Round Robin – Revisited
 - a. Need to collect more temperature data from participants in the next RR.
 - i. **ACTION:** Create clear requirements and instructions for labs to follow for reporting data.
 - b. Differences between Chests and Chambers were discussed (i.e.: rate, loss, stability).
 - c. Can we reduce variability with chest freezers without requiring contractors to invest in chambers?
 - d. Committee generally agrees that chambers are superior to chests but the financial/logistical requirements are still a big lift for some labs.
 - e. **ACTION:** Process of investigating splits between chambers and chests so the DOT can run the same material with a chamber and chest. This should also be done in the next RR so we can compare DOT chest results to contractor chest results.
6. AASTHO T103 proposed updates – see case study
 - a. In a discrepancy we can exchange splits between labs for investigative purposes.

- b. **ACTION:** draft spec that addresses temperature profiles with the use of envelopes and temperature/timing requirements. The spec should also clearly state the reporting requirements for test results to include temperature data.
- 7. AASHTOware update
 - a. Short term spec changes will be kept to a minimum, and efforts will be focused on long term spec changes.
- 8. Requiring landowner information.
- 9. Virgin aggregate on top of RAP.
 - a. **ACTION:** To promote recycling we can update that spec in the future. Review 305.2.1 and discuss virgin base over RAP.
- 10. Next Meeting: August 31st, 8AM.