

Aggregate Quality Subcommittee - Agenda Items  
May 6<sup>th</sup>, 2021 – 9:30 AM to 11:30 AM

Attendees:

Name	Affiliation
Erin Ferg	MCC
Jack Peterson	Yahara
JR Ramthun	Michels
Josh Seaman	DOT
Mark Sander	MTE
Erik Lyngdal	DOT
Erin Longmire	APW
Dan Reid	DOT
James Pforr	FHWA
Barry Paye	DOT

Absent

Name	Affiliation
Bob Downing	HTCP

1. Aggregate Guidance Taskforce (subcommittee issues)
  - a. Stockpile samples
    - i. Source with the same pile delivering to multiple DOT jobs. Inconsistent stockpile sampling. Job#1/#2 but not number #3. Michels and Yahara have experienced the same issue. DOT rep insisting that they can take stockpile samples whenever they want. At least 3 times per year.
    - ii. Additional guidance in 834.1.1? include for “any DOT projects.”
    - iii. **Action** – Barry and Erik to communicate with NE region.
  - b. Sampling (general competency)
    - i. Loader operators creating non-representative pads.
    - ii. Need QC representative to work with loader operator instead of DOT representative.
  - c. Recycling DOT projects for Base
2. Contractor notification
  - a. Some DOT representatives visit source without notifying contractor and caused conflict with operator.
  - b. Scale operators don't say no to DOT representative.
  - c. Guidance – competent QC personal needs to be with QV sampler for stockpile sampling. Predominantly project staff issue. Not TSS.
  - d. Placement notification – failing sample without QC notification. Project staff did not notify until a week later. Claims it will not result in penalty. Yahara and MTE experienced issue.

- e. **Action** – Contact statewide IA if DOT samplers are going into quarries without QC representative.
  - f. **Action** – needs to get down to a local/project level. TSS leadership? Communicate with IAs to track pattern of behavior. **HTCP** consequences for non-notification? Barry and Erik to talk with Adam about personal tracking.
3. Hauling from one source to another. Quality testing requirements.
- a. Crushing offsite and hauling back to the source?
  - b. Looking to get a source approved without crushing operations onsite. Efficiency issue. Would like to crush in a centralized fashion.
  - c. Frequency – once or twice per year.
  - d. Ideal process – blasted source. Take DOT rep to blast. Take DOT rep from blast to crushing operation. Collect sample for quality. Work with BTS? Include signage?
  - e. **Action** – Prepare draft process to be placed in CMM 860. Send to industry for review. Bring to materials engineers.
4. Small Quantities and Partial Lots
- a. Small quantities and partial lots identical. – 750 tons
  - b. Instance of 156 Ton project. Last time, project staff was criticized for not taking stockpile sample on previous project. SW region. **Action** – communicate with SWR about potential source of criticism. Note – QCs are asked to take a sample in addition to QV.
5. Freeze-thaw testing
- a. Potential aggregate sources round robin
  - b. Proposed lab qualification requirement
  - c. **Action**- Industry provide feedback on proposed revision to lab qualification and round robin process
6. Offsite Crushing/Source approval of stockpiles
- a. Industry acceptance process - see 3
  - b. New CMM 860 language
    - i. **Action** – current language approved by subcommittee. Need to add 4<sup>th</sup> scenario for item 3 on agenda.
7. Goals/proposed changes?
8. DOT regional Member?
- Vote no. Current group has rapport and industry feels free to provide feedback with current group.

## Aggregate Round Robin

- Sample enough material for 30 round robin replicates from stockpile pad
- Blend material back together in BME lab
- Dry all material
- Gilson “unwashed” material to each testing size (#4, 3/8, 1/2, 3/4, etc.) – We could also offer up to wash & dry all material if you’d like, this will just take a little more time and effort.
- Batch each material size into individualized bags with enough of each material to complete a full round of quality testing – we would also recommend being very prescriptive in how much of each material to batch for every test (specifically specific gravity, lightweight pieces, & Wear since F/T & S/S already call out specific amounts) to ensure everyone has equal amounts of the same material. But let us know your thoughts on this?
- Then package all individual sizes into larger bag or box and deliver to Truax for distribution.