ECP Quarterly Conference Call Minutes

January 12, 2016

Participants: Brennan Roney (chair/GA), Tracy Stegmaier (vice chair/AL), Stephanie Huang (AZ), Doug Gesso (KY), Raymond Vaughan (SC), Peter Kemp (WI), John Rublein (WI), Kurt Kelsey (American Excelsior), Diane Hitt (ECTC), Jett McFalls (TTI), Joel Sprague (TRI), Katheryn Malusky (AASHTO), Maribel Wong (AASHTO)

Agenda:

1. SRD Pilot
   a. Update on Video Documentation – Video will be recorded during all testing and submitted to AASHTO. Manufacturers will receive only their own videos from AASHTO. States may request any videos from AASHTO.
   b. Overall Update
      i. Finalized List of Products – 4 manufacturers, 5 products
      ii. Next step is payment by manufacturers.

   ACTION ITEM: AASHTO to forward the list of participating manufacturers and products to TC. (Katheryn/Maribel)

2. Existing Large Scale Reports – Revised Calculations
   a. Amended Report Status – Updated graphs and explanation/guidance document will be inserted into old reports. Pending finalized wording of guidance document.
   b. Explanation/Guidance Documents – Drafts in process. Finalized proposed wording will be forwarded to TC for review.
      • ASTM D6459 R-Factor Revision
      • ASTM D6460 Channel Section Selection – Additional request to show the areas utilized in the calculations. Turbulent flow areas not utilized are visible, but buried, in the report data. Joel Sprague wants to know the purpose of this request. Pete Kemp expressed concern that this will cause more criticism and objections to the reports.
   c. Impacts to Reporting Technique – How should Shear Stress be reported for products exceeding the testing capacity of the lab? Currently the data is reported at the maximum shear stress observed with a plus sign indicating that the product can withstand an undeterminable amount of additional shear. The differing maximum numbers are being misinterpreted. Proposed showing all non-maximum values (didn’t reach 0.5” of soil loss) as 10+ Shear Stress which would line up with the ECTC maximum category. Diane Hitt indicated that this will not work because ECTC currently has a ballot out to add additional categories. An alternate solution may be to add wording next to the reported Shear Stress better indicating the number is not the product maximum.
   d. Equations for Industry – Joel Sprague indicated that the equations used are already in the reports.

   ACTION ITEMS:
   • Diane Hitt to forward the ECTC ballot of new product categories.
   • Decide how to clarify the reported shear stress of products that do not reach 0.5” of soil loss. (TC leadership)
   • Discuss with industry what is needed to satisfy their questions about the report calculations.
   • Finalize proposed guidance wording and forward to TC for review. (Maribel w/ TC leadership)
3. Discussion on removal of Bench Scale
   a. State Survey Update: 26 states responded, 25 states are in favor of dropping the two bench scale tests if large scale testing is a replacement, 1 state is hesitant (Wisconsin) – a rewording of the survey was suggested to indicate large scale testing would be cyclical – frequency to be determined.
   b. Cyclical Large Scale Testing: How often? 3 year cycle, 1 plot only? Index values raise a flag for large scale instead? Triggers for new testing, yes or no?
      i. Company Name Change – NO, MAYBE? (Profile purchase of Central Fiber)
      ii. Product Name Change – NO, MAYBE? Reason why?, No reusing old names
      iii. Product Composition Change – YES, Need new name.
      iv. Plant Relocation – YES and NO
      v. Precision & Bias from ECTC? – Historical Spreadsheet from Joel, ASTM still working on it.

   **ACTION ITEMS:**
   - Decide whether to proceed with eliminating bench scale testing for C-Factor and Shear Stress. (TC)
   - Determine the required frequency of cyclical large scale testing.
   - Determine the number of cyclical verification plots to test.
   - Determine if index testing values can be used as the trigger for additional large scale testing instead of the cyclical requirement. (Precision and Bias will need to be studied to determine a definition of acceptable values for each index test.)
   - Joel Sprague will send a spreadsheet of all their historical index values for review.
   - Further review other triggers for retesting to reach a consensus. This may need to apply to the entire program, not just cyclical large scale testing.

4. Audit Program Update
   a. October/November 2015 Mock Audit Review: Frequency of internal testing? What tests and how often? 3rd party testing as an alternate to internal testing for those without the capabilities. Internal documentation requirements? Need something to audit against. Cyclical Sampling collected during audits.
   b. Cost savings to industry? AASHTO stated it will eliminate the need for additional testing and auditing currently conducted by some states. Savings are facility based.
   c. Tests for Hydraulic Products
      - PENN DOT (Winston) Update – Need to source to perform index testing on hydraulic products.
      - Specimen Preparation Standard Update – ASTM D7986-15 is finalized.
      - Toxicity Testing – Compilation of requirements has not been completed.
      - Doodle Poll for Task Force Meeting – Has not been scheduled.

   **ACTION ITEMS:**
   - Finalize testing and documentation requirements that will be reviewed during the audit.
   - Determine how often the audits will be conducted.
   - Determine what cyclical index tests will be required for hydraulic products. – Task Force

5. ASTM D6475-06 Update
   Industry – Kurt Kelsey
Report expected in 2 weeks. Larger sample sizes and additional replicates being evaluated for possible better precision and bias.

6. Georgia House Bill 397  
   *State – Brennan Roney*
   Gives requirements for the state of Georgia on how to evaluate products. Emailed to TC for reading.

7. ASTM Update Index SRD Test  
   *Lab – Joel Sprague*
   Currently evaluating comments.

8. Datamine 3.0 Update  
   Feedback has been incorporated. Next step is beta testing by the Task Force.

**ACTION ITEM:** Finalize retest data. Reviewed by Tracy. Emailed to AASHTO, Lab, and Brennan.