

**Magruder Committee Minutes**  
**Aug 9<sup>th</sup>, 2019**

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**Number in Attendance: 36**

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**Number of Control Officials: 20**

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**Number of Industry: 16**

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**Approval of Agenda** –Approved  
Minutes -James /Josh

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**Treasurer’s Report** -Jamey provided the Treasurer report -see attached –

Net income -\$9,570.29.

Paying Labs -131 plus additional labs in Pakistan and other countries that need to pay.

Approved -Sharon/Teresa

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**Old Business**

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**Method Code Request/Updates** -Frank -see presentation

# of Clients -131 -more international clients than regulatory lab clients. Approximately 95 labs reported data per sample.

Action Item Update -Posting of Certificate of Analysis on website, need to get explanation of IA reviewed.

Frank gave update on Method codes to be archived -see Word doc. Proposed to make changes on 8/16 and notifying lab affected.

Frank proposed several new codes to cover Humic acid, Hydrophobic fulvic acid, and Soluble Silicon. Lawrence -concerned about including an “Other” category. Hugh suggests adding a separate code for California’s Humic Acid method and adding another code for phobic fraction. Hugh suggest adding a code for the EPA method for Silicon. (Sharon -move to approve with the above additions / Hugh -seconds) -Approved. Lawrence would like to define acid as “acids” plural.

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Proposed method codes for Slow and Controlled Release N- one code added for each fraction of Bill’s method. Hugh comment is we need to have method code for Slow Release (Florida FM 701) -Table for now pending further discussion

Urea and Methyleneureas code with addition of biuret method from the AOAC 2003.14 paper (Motion to approve -Sharon/James) -Approved

Sharon -once to add Aluminum code

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**Forum Subcommittee Report**- Good forum last year, changed format last year, will keep this new format for this year’s forum. Topics -Biostimulants, ICP, General Inst Technics, Sample Prep and Sample Solubility. Will try to include more vendors. Next forum -New Orleans -Thurs & Friday of 3<sup>rd</sup> week in February. Ran over budget last year and are investigating that but will keep cost to a minimum.

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**New Business**

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**Administrative Update**

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**Supporting Lab Services Initiatives -**

James -spoke on the importance of Magruder and its assistance with method issues and setting investigational allowances.

AgLabs -James asked -is it enough or should we have a Fertilizer only group?

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**Bio-Stimulants and Beneficial Substances** – PTs will be very difficult to prepare and send out. We may need to find out who would run them. Sharon suggested using Survey Monkey and putting method codes in place. Frank -this may need to be a separate program (scheme). Sharon -have representative to contact trade groups. Toby -wants a PT for microbial ingredients. James -likes the idea of a separate program since it may be a different audience.

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**Duplicate Sample Experiment** - Proposal -to send the same sample out a 2<sup>nd</sup> time to see how the labs perform on the same sample at different times. The labs would analyze in duplicate both times, so you can measure little r variance and R variance. -no comments

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**Sample Prep Error Study** - see Word doc -designed to determine the variance in preparing the unground sample. We have 15 labs, the samples (2000 grams each) have been prepared. The labs are being asked to grind and collect the test portions and send the samples to one lab (Tim's Lab) for testing. The data has been generated and is being evaluated.

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**Validation Support for AOAC 2017.02 Using Magruder Data** -Sharon -see presentation -AOAC has requirements for Collaborative Study. Status of method -Preliminary work done, design of collaborative study -done, preparation of materials, submission of test samples -done, statistical analysis, evaluate bias of individual result, HORRAR, frequency of false positive/negatives, and write manuscripts. Magruder has the data needed to calculate all statistical requirements. Status -email dialogue started with AOAC regarding accepting statistic from PTP data as an alternative to collaborative study.

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**Validation Support for AOAC 22015.18 Using Magruder Data** – James -reviewed P&K data to see if it can be used in lieu of conducting collaborative study. -See presentation -James showed how existing Magruder statistics and data can be used to calculate the needed collaborative study statistical data. This process would save a lot of time but it may not meet ISO criteria -TBD.

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[Use of IA Index -Need for a Subcommittee?](#) Frank -how do we move forward? Do we need to evaluate the data for all nutrients or classes of nutrients. James -may need a multistep approach. We may need to recognize that some methods perform better than others. Second step -try and figure out why some methods are performing poorly. -Table for now

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[2019/2020 Sample Review](#) -Frank -slots are filled and will include humic acid and silicon

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[Marketing & Advertising](#) –Bill -should we advertise? Hugh -can we mention at Method Harmonization meeting? Should we update the flyer?

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[Newsletter](#) -Bill asked does anyone want to volunteer to be the editor -Sharon was volunteered by Eddie.

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[Public Comment/Input/Issues](#) - Comment from audience (John) -should we find out why some states or organizations aren't participating?

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[Committee Member's Comments and Issues](#) -none

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[Next Steps, Assignments & Agenda Items for Next Meeting](#)

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Motion to adjourn -Teresa/Frank

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