

Draft Magruder Committee Meeting Minutes

Association of American Plant Food Control Officials Meeting

August 3, 2018 Ft. Lauderdale, FL

1:30 PM- 3:44 PM

Welcome, Introductions, Agenda Review and Approval-Bill Hall

Bill Hall, Chairman, called the meeting to order at 1:30 PM. Industry had 14 representatives with the control officials having 17 representatives. Total attendance was 31. The agenda was reviewed and no additions were made. James Bartos made a motion to approve the agenda and Sharon Webb seconded. The motion passed.

Approval of Last Meetings Minutes/Report-Bill Hall

The previous minutes were reviewed. A question was asked regarding who nominated Scott Roalofs from Colorado. The response was that Keith Wegner recommended him to James Bartos. Sharon Webb made a motion to approve the minutes and Ametra Berry seconded. The motion passed.

Treasurer's Report-Jamey Johnson

Jamey Johnson gave the Treasurer's Report. Total net income was \$4,820.62 with a balance of total assets of \$97,062.16. Jamey Johnson said we are barely making a little over "even". An increase in subscription fees was discussed.

Bill Hall asked if expenses are going up or are subscriptions (income) going down? There was further discussion about increasing fees including also wanting to look at international fees. Sharon Webb said we may need to consider increasing these due to shipping fees (~\$38/sample shipping). A question was asked regarding the current subscription rate. It is currently \$300.00 and was last raised in 2015. The cost prior to the \$300 amount was \$240 (a total increase of \$60). Raising to \$360 from \$300 would be a similar increase. It was asked how much the feed program charges. The answer was \$390.00 for quarterly pet food. Animal feed is ~\$423.00. The payment system was also discussed. NM uses Paypal for AOAC information. Bill Hall said the payment system needs to be joint with AAPFCO. AFPC started shipping once a year with 12 pre-labeled/dated samples. A question came up about switching to quarterly. Frank Sikora said this was previously discussed. This would present a storage solution for Able Labs as they do feed too.

James Bartos made a motion to raise the fee to \$360.00 for check samples (not reserve samples) starting in January 2019. Patty Lucas seconded the motion and the motion passed. The discussion on reserve samples will be tabled.

James Bartos made a motion to accept the Treasurer's report with a second by Sharon Webb. The motion passed and the Treasurer's Report was approved.

Old Business

Website Update Roll Out-Frank Sikora

Sample Prep Study- Tim Fau

Method Code Updates-Frank Sikora/Bill Hall

Frank Sikora gave an update on method codes. They have been added for:

- Sharon Webb's metals digestion
- James Bartos's phosphorus & potassium

Frank Sikora proposed to use "C" column names for "B" column names so they don't get truncated. Sharon Webb and others like this enhancement. Sharon Webb made a motion to accept the "C" to "B" changes. Teresa Grant seconded the motion and the motion passed. Andy Crawford confirmed there were no method # changes.

Discussion: 41.60 Citrate- EDTA Ext. 993.31; May be causing a dilution of data. If reported here, don't know how it was analyzed. 993 has multiple test determinations/analysis options. Dennis Sebastian said AFPC puts individuals' data into an overall sum of methods. Solution is to contact ~14 labs reporting 41.60 & ask them to report above. 993.31 has a different extraction solution.

Frank Sikora discussed the change to add detection limits and remove save button. The cost from FASS is \$1,027.05. This may help with heavy metals. Some labs have to report a number or < MDL. This change was also done on the feed side. The FASS hosting cost is a \$10/month recurring cost. Frank Sikora indicated that FASS realized they hadn't been charging us. Jamie Johnson asked if they are going to be sending us a bill, or debit, etc.

Teresa Grant made a motion to accept/approve cost of \$1027.05 for conversion to add detection limits & remove the save button. Ametra seconded and the motion passed.

Teresa Grant made a motion for Frank Sikora and Sharon Webb to verify method changes for 993.13 and to have Frank Sikora change it if verified. Josh Arbaugh seconded and the motion passed.

New Business

Administrative Update-Frank Sikora

- a. a. Indicator data
- b. b. Shipping addresses from unified data base, info being sent via email upon shipments

Frank Sikora gave an administrative update (see PowerPoint)

The number of active laboratories is ~130 (Paid clients = 130 labs). We are starting to see an increase in the number of labs reporting (general trend increase). The days shipped prior to due date goal is 75 days. This goal was met. The new website went online April 2017. Frank Sikora showed the enhancements to the website live. Proposed changes included:

- Certificate of Analyses (COA) for Samples
- Presentations/Articles
- Enrollee page

There was previous discussion on what to do with enrollee certificate; reviewed enrollment certification. Hugh Rodrigues said that some international clients have asked about QA; what PT do you do. With AOAC-food micro, you get certificate after you pay fees. You can ask them to assign a reviewer; and provide a copy of the report regarding performance. Bill Hall said the certificate is an incentive to pay up. Sharon Webb said it was a good idea. Frank said it gets created as soon as the payment is received. A question was asked whether there would be an option for people to print it themselves.

A report with a list of laboratories was discussed. The process would involve emailing the laboratories and let them know we will be putting their name, general location, state and country on the website. When you send out a certificate, tell them their name has been added to an enrollee page. Include in the email that if that is not okay, to let us know. Teresa Grant made a motion to go forward with this plan. Ametra Berry seconded and the motion passed.

Discussion regarding Presentations/Articles (library): Bill Hall mentioned eventual newsletter. Frank Sikora recommended adding articles that people have written on the topic. Teresa Grant said kind of like "Have title, need author". Bill Hall asked if we have a place for links such as Good Samples, etc. Frank Sikora answered that we have links under committee. A question was asked whether you could pay online. The answer was that this would be a question for Jamie. Andy Crawford said this would require website design change for security. The COA could be a link.

Frank Sikora asked for a motion to move forward with library and COA. Sharon Webb made a motion to approve. Teresa Grant seconded and the motion passed.

Bill Hall would like to see volunteers to write some of the articles. The Editorial Review Board will consist of Frank Sikora, Bill Hall, Andy Crawford and Sharon Webb. Frank Sikora will do a Certificate of Analysis (COA) article and Bill Hall will do an Article from the Chair.

Regarding the question involving the idea of payment via PayPal an option? Jamie Johnson checked into it and there is an intermediate. He will check on "square". Frank Sikora suggested Transferwise as well.

Forum Sub-Committee Report-Bill Hall

Focus on four areas:

- Biostimulants
- Matrix Matching/ Nebulizers
- Sample Prep in Lab
- Soluble Nutrients

There was discussion regarding increasing advertising using seed money from Magruder.

Bill Hall asked would an increase in fee for the Methods Forum need to go through Magruder Committee? James Bartos said yes. Bill Hall said the meeting would be in February and a conference call would be held in advance of the meeting.

Supporting Lab Services Initiatives-James Bartos

Magruder Enrollment Certification – (requests from customers) – Bill Hall/Hugh Rodrigues

See Administrative Update

Proposal Separate Materials Program-Bill Hall

Bio-Stimulants and Beneficial Substances-Bill Hall

Bill Hall said we will need reference materials and they will not be as stable. May need someone to do this (future need). He asked if anyone wants to champion what it would take to prepare and do this? No one can at this time.

Sample Selection Review-Bill Hall

- a. Revising remaining 2018 and 2019 samples

The sample chart was reviewed by the committee. This included sample selection.

Magruder Data Dispersion With IAs-Andy Crawford

Andy Crawford gave a presentation on Investigative allowances' relationship to Magruder % RSDs (See PowerPoint)

$$\text{The IA Ratio} = \frac{SD_{Robust}}{1A SD}$$

How many IAs in the Robust SD?

Horwitz Approach- JOAC 1980: Relationships between σ and core c (mass fraction)

$$\sigma = AC^b \text{ Where A\&B are constants}$$

$$\text{Log}(\sigma) = \text{Log}(A) + B \times \text{Log}(C)$$

Discussion: Bill Hall said high analysis products are single analyte (homogenous). Mixtures have lower guarantees. James Bartos said for NPK, there is a change with concentration. With IAs for secondaries, there is a factor with these (eg. 0.2 + x % of G), etc. The IAs were developed so that 99% of labs were within variance. Frank Sikora pointed out that these are on ground samples with no sampling error.

IA Effect:

If IA ratio = 1 =99

If 2 ~87

If 3 ~77

If adjust IA, then you get IA ratio = 2 (would include 99% of labs).

Public Comment/Input/Issues-Guests

Committee Member's Comments and Issues-Members

The Committee roster was discussed as an aside. Tim Fau from Aurora (was PCS phosphate) was recently added and a replacement for Greg on the Industry side is needed. Dennis Sebastian suggested getting Biostimulant person for industry spot.

Next Steps, Assignments & Agenda Items for Next Meeting-Bill Hall/Group

We will have a between meeting conference call (Magruder call).

Adjourn

A motion to adjourn was made by Teresa Grant and seconded by James Bartos. Motion passed and the meeting adjourned at 3:44 pm.

Respectfully submitted,

Patty Lucas