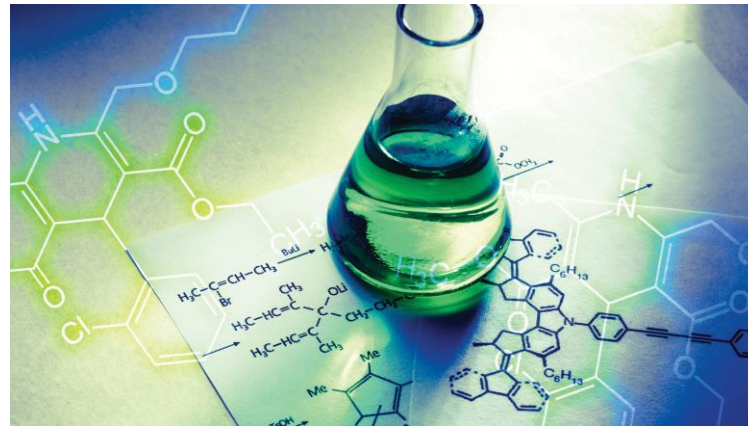


Cannabis Science Task Force: Metals Analytical Work Group Update

Date: 10/14/2020

Metals AWG meeting:

September 2nd



7th METALS AWG MEETING

Roll Call: ★ All Present

CSTF (Cannabis Science Task Force) Metals Workgroup Members:

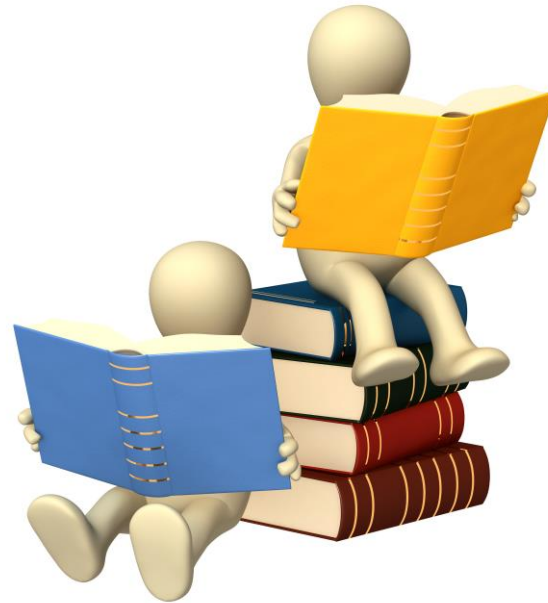
- ▶ Sara Sekerak, Dept. of Ecology (DOE)-CSTF Lead Chemist ★
- ▶ Ryan Zboralski-Proxy for Sara Sekerak ★
- ▶ Caroline West, Dept. of Health (DOH)-Metals Workgroup Lead & Facilitator ★
- ▶ Nicholas Poolman, Liquor and Cannabis Board (WLSCB) ★
- ▶ Mike Firman, Dept. of Agriculture (WSDA) ★
- ▶ Tania Sasaki, Confidence Analytics ★
- ▶ Srinivasa Reddy Mallampati, Medicine Creek Analytics ★
- ▶ Curtis Deer, Institute of Food Safety and Defense ★
- ▶ Tim McCall, Dragon Analytical Laboratory ★

CSTF Workgroups (Metals, Potency, PT, etc.) Support Staff:

- ▶ Anastacia Green, Dept. of Ecology (DOE)- CSTF Secretary Senior ★
- ▶ *Steve Officer, DOH (GUEST)* ★

Meeting Update: New Approach to Meeting Facilitation

- ▶ To facilitate more engagement and participation we decided to assign sections of the documents to pairs of work group members to review prior to the next meeting.
- ▶ If they don't have time to pre-research the area, that is OK. We will still be going through EACH section as a group, but members will present and lead the discussion on their assigned sections. This way everyone participates more evenly with the discussion and reading



Meeting Update: Presentations



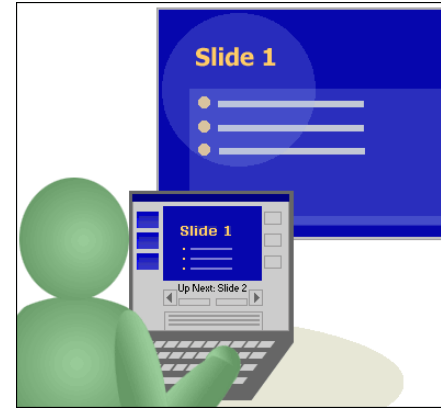
Caroline's Presentation #1

- ▶ 1. Power Point presentation to take a FINAL look into major topics which we had “settled on” and then “re-opened” for discussion
- ▶ 2. Included a slide to re-focus the group on two major reasons for having the accreditation moved from LCB to Dept. of Ecology
- ▶ 3. Included slides on topics & votes that we had done each past meeting to show why these topics kept coming up

Topics Covered

- ▶ 1. Prescriptive/Performance Based/”Hybrid” Methodologies; Instrument Platforms CURRENTLY and MOST LIKELY to be used for Metals Cannabis Testing; Which Methods we will review for QC and Accreditation Purposes
- ▶ 2. Currently under LCB accreditation labs were running many different methods & there are too many QA/QC criteria being used to judge quality
- ▶ 3. Decided to include a brief overview of topics from the last meeting in the reminder email/agenda for the next meeting

Meeting Update: Presentations Continued



Sara's Presentation

- ▶ 1. Sara put together a PowerPoint on the definitions of Prescriptive Methods
- ▶ 2. Included definitions for Performance Based Methods
- ▶ 3. Went over Allowable Changes and Method Modifications
- ▶ 4. Covered method choices again as a reminder

Topics Covered

- ▶ 1. Included info related to EPA and regulatory requirements as well as other definitions for clarification
- ▶ 2. Included the EPA's definition of a Performance Based Measurement System (PBMS)
- ▶ 3. Included references to 40 CFR § 136.6
- ▶ 4. Either run ICPMS method **OR** a FLAA/GFAA method for As, Pb, & Cd **WITH** a CVAA method for Hg

Meeting Update: Presentations Continued

Caroline's Presentation #2

- ▶ 1. SW-846 Compendium Discussion Presentation
- ▶ 2. Covered all the topics in the link to give everyone a clearer understanding of the SW-846 test method “rules”



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Topics Covered

- ▶ 1. All information in the slides came from the EPA website: (<https://www.epa.gov/hw-sw846/performance-based-measurement-system-pbms-flexible-approach>)
- ▶ 2. Covered process to promulgate test methods; determining when a non-required method is appropriate; PBMS language interpretation; PBMS implementation, etc.

GAS MODE SURVEYS



We had taken a survey on whether the group thought that using a gas mode such as a reaction gas or He mode should be recommended or required so we went over the results.



We had some members in each category and some that said they didn't have enough experience to decide either way.



After the SW-846 discussion and presentation were through we decided that since we agreed as a group to follow those methods, we would defer to what the method itself said about using gas modes.

UNANIMOUS DECISION TO USE SW-846 METHODS

- ▶ After all the presentations and discussion the group unanimously decided to move forward with a motion to adopt EPA 6020B and EPA 6010D
- ▶ Motion to follow
- ▶ Questions??

