PT WORKGROUP UPDATE AND MOTION

8/20/2020
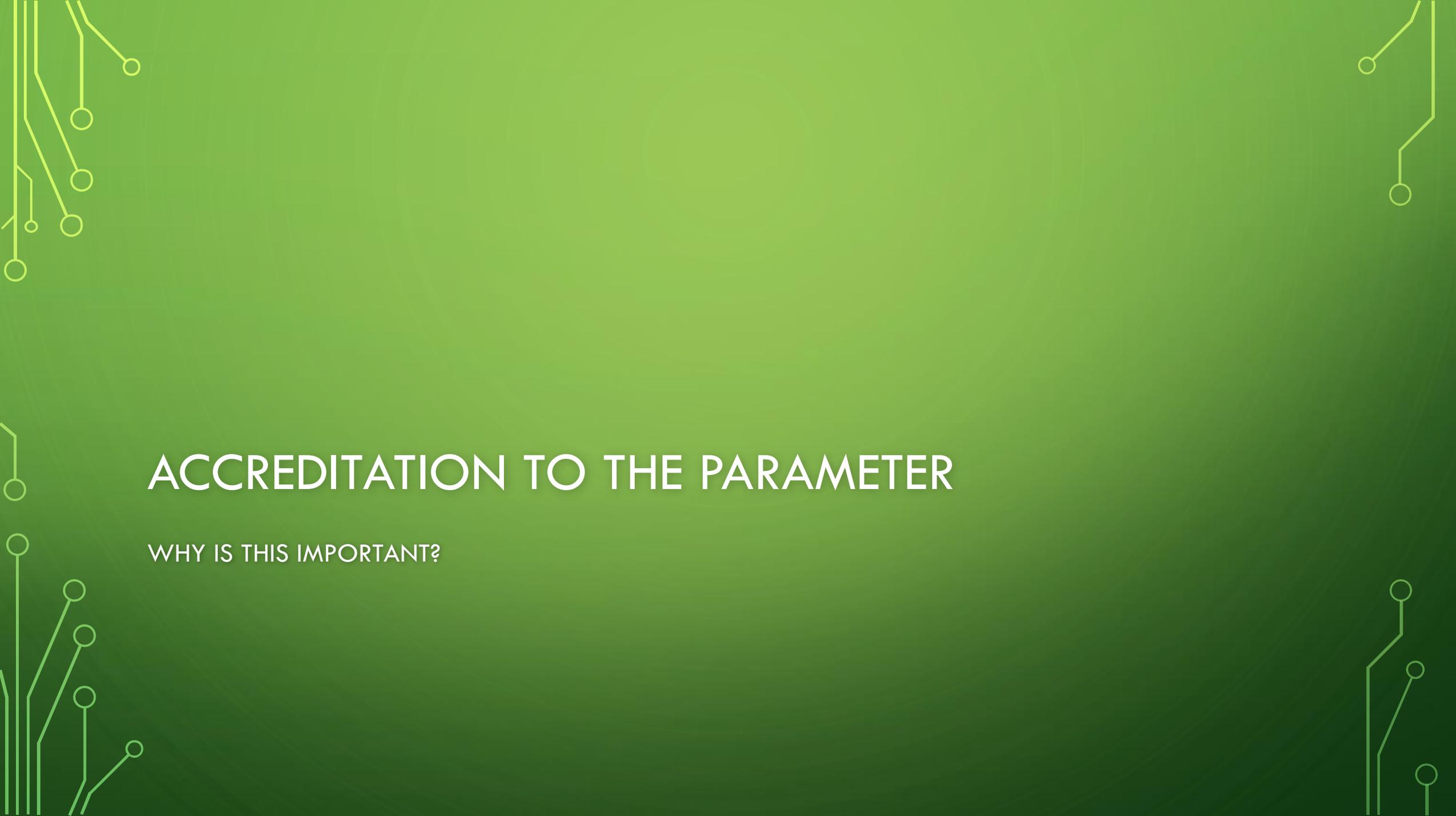
MEETINGS

JULY 30TH

- Trial Study Update

- Matrix Discussion

AUGUST 11TH

- IAA Update and NIST CannaQAP

- Matrix definition motion formation

ACCREDITATION TO THE PARAMETER

WHY IS THIS IMPORTANT?

SEPARATE MATRIX CATEGORIES ARE NEEDED TO DIFFERENTIATE PTS

ECOLOGY'S CURRENT ENVIRONMENTAL CATEGORIES

- Air

- Drinking Water

- Non-Potable Water

- Solid and Chemical Materials

PROPOSED CANNABIS CATEGORIES

- Flower

- Intermediate Products

- End products

LABS CAN BE ACCREDITED FOR THE SAME ANALYTE IN SEPARATE MATRICES/METHODS

Manchester Environmental Lab
7411 Beach Drive East
Port Orchard, WA 98366
Contact: Alan Rue   Phone: (360) 871-8801
Tests internal samples only

Accreditation #:   G750-20
Revision Date: 7/1/2020
Expiration Date: 06/30/2021
County: Kitsap
EPA ID: WA00006

State	City	CompanyName	MatrixDescription	Matrix	Category	MethodName	MethodCode	AnalyteName	AnalyteID
WA	Port Orchard	Manchester Environmental Lab	Drinking Water	D	Metals	EPA 200.8_5.4_1994	10014605	Lead	1075
WA	Port Orchard	Manchester Environmental Lab	Non-Potable Water	N	Metals	EPA 200.8_5.4_1994	10014605	Lead	1075
WA	Port Orchard	Manchester Environmental Lab	Solid and Chemical Materials	S	Metals	EPA 6020B_(7/14)	10156420	Lead	1075

Lab A

Test Method 1
Validated
matrix: flower
Analyte: THC

Test Method 2
Validated
matrices: solvents,
intermediates
Analyte: THC

Test Method 3
Validated matrices:
foods, lotions, etc.
Analyte: THC

Proposed Model

PT	Assessment
Flower PT – Pass	Proficient
Intermed. PT – Pass	Proficient
End product PT -Fail	Not proficient

Lab accredited in only the 2 categories they are proficient

Current Model

PT	Assessment
Lab chooses not to perform	No information required or assessed
Intermed. PT – Pass	Pass
Lab chooses not to perform	No information required or assessed

Lab certified for the field: Potency

Lab B

	Proposed Model		Current Model	
	<u>PT</u>	<u>Assessment</u>	<u>PT</u>	<u>Assessment</u>
Test Method 1 Validated matrix: flower Analyte: THC	Flower PT – Pass	Proficient	Lab chooses not to perform	No information required or assessed
Test Method 2 Validated matrices: solvents, intermediates Analyte: THC	Intermed. PT – Fail	Not proficient	Intermed. PT – Fail	Fail
Test Method 3 Validated matrices: foods, lotions, etc. Analyte: THC	End product PT - Pass	Proficient	Lab chooses not to perform	No information required or assessed
	Lab accredited in only the 2 categories they are proficient		**Lab NOT certified for the field: Potency**	

WHY IS THE MOTION NEEDED?

- Ecology's model requires a clear differentiation of matrices

- Accreditation by LAU will be to the Parameter (analyte + method + matrix)

- Currently, labs are only accredited to the method

Accreditation Categories

Ecology's Laboratory Accreditation Program accredits by matrix, analyte, and analytical method.

The four matrices in which accreditation can be granted are:

1. **Drinking Water:** All analyses regulated under federal or state Safe Drinking Water Act requirements.

2. **Non-Potable Water:** All aqueous matrices other than drinking water.

3. **Solids and Chemical Materials:** Solids, semi-solids, and hazardous waste that may include aqueous materials.

4. **Air and Emissions.**

INTENT OF THE MOTION

- The motion would establish the matrices labs would be required to analyze PTs in

- Would not eliminate required fields of testing

- Some labs will be running more PTs

QUESTIONS?