PFAS STAC WORKSHOP

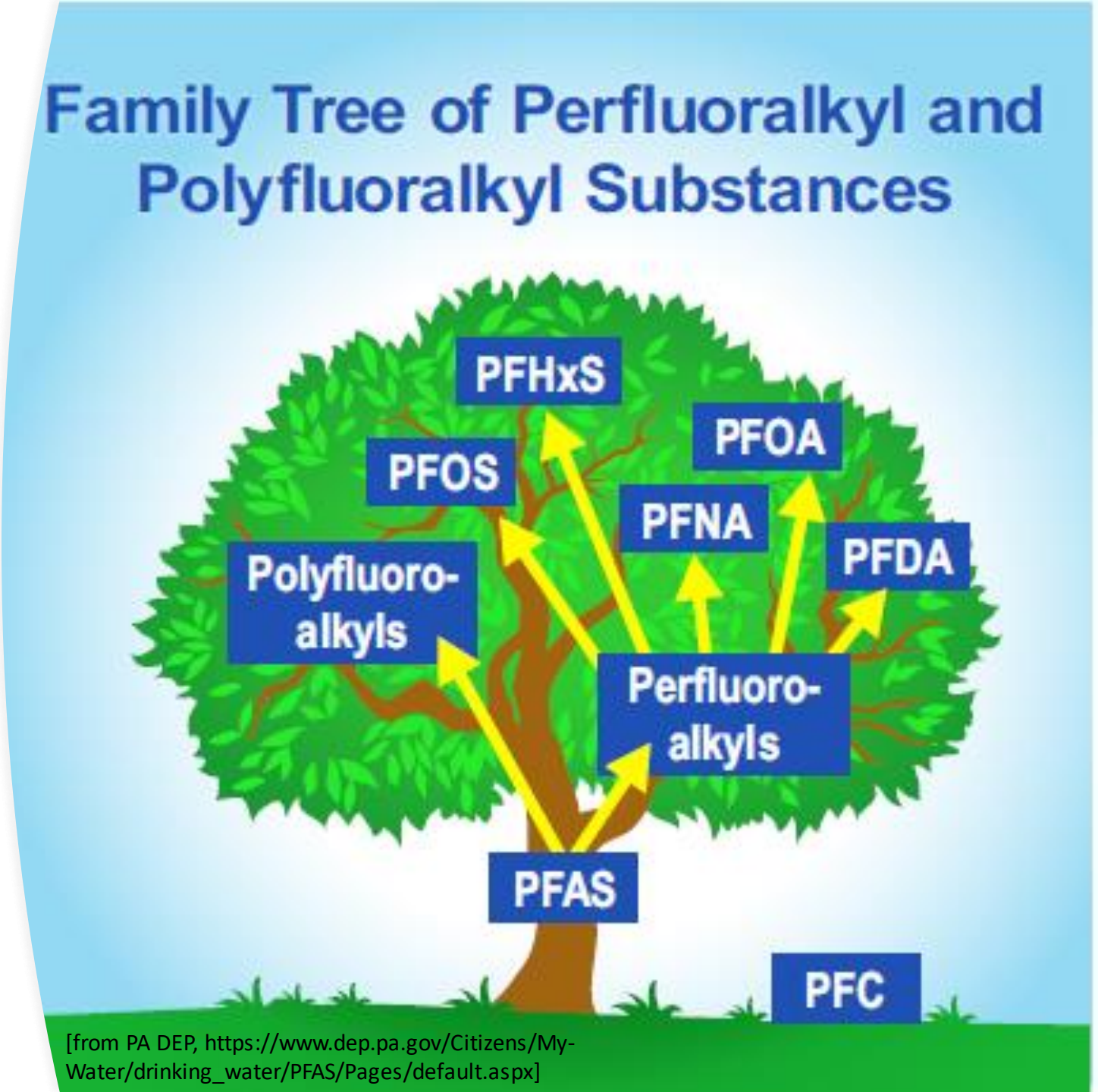
May 17-18, 2022

Workshop Statistics

- Hybrid, in person and online format
- About 20 in person participants, and ~25-30 active virtual participants (55+ total virtual participants)
- Varied organizations including states (MD, DE, PA, DC, VA, NJ, WA), federal (EPA Reg 3 and GLRI, USGS, NOAA, FWS, DOD), academic (UMBC, Johns Hopkins, Morgan State, UD, PSU, VT), non-govt (EA Engineering, Mount Sinai Med Center, ICPRB, MWCOG, DRBC)

Workshop Agenda – Day 1

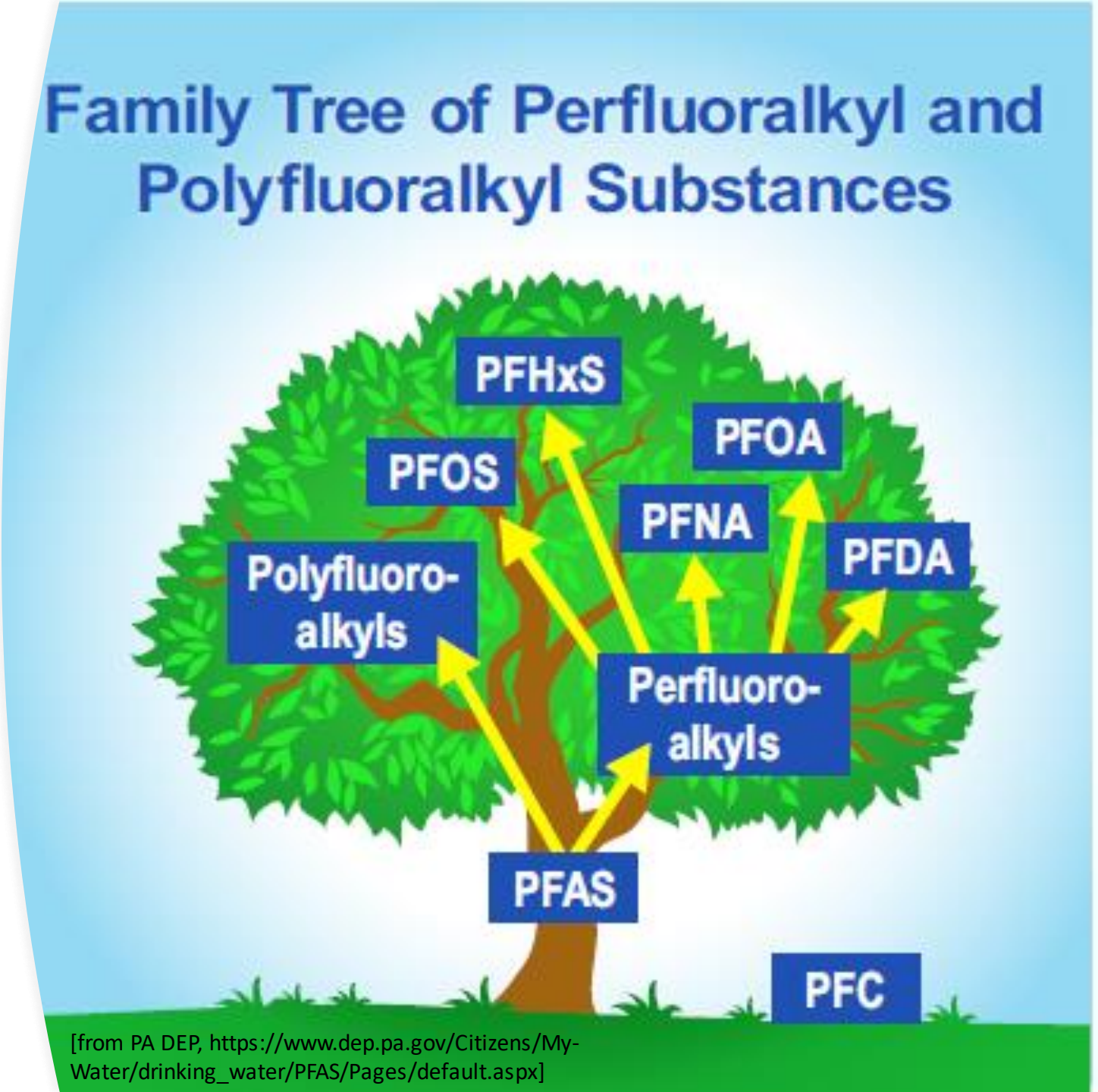
- Session 1: Current Understanding and Efforts to Address PFAS
  - In Chesapeake (inventory and literature review)
  - Outside the Chesapeake including DRB, Great Lakes, Puget Sound
- Breakout to discuss gaps and needs
- Session 2: Considerations for Establishing PFAS Targets for Fisheries- Consumption Advisories and Identifying Potential Effects on Fisheries
  - Components of fish advisory development
  - Potential effects on fisheries



[from PA DEP, https://www.dep.pa.gov/Citizens/My-Water/drinking_water/PFAS/Pages/default.aspx]

Workshop Agenda – Day 2

- Session 3: Considerations for Developing a Coordinated Monitoring Effort for PFAS in the Chesapeake Bay – Sampling and Analysis
  - Inventory of what is being done
  - Tissue methods
  - Water sampling and analysis
- Develop Recommendations to Address Science Gaps for a More Coordinated Research and Monitoring Effort for PFAS in the Chesapeake Watershed



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Major Takeaways

- Call for improved, consistent bioconcentration factors
- An understanding of tributary loadings was identified as a priority need (some states already doing this work)
- Consensus around draft 1633 method

Major Takeaways- cont.

- Very little is understood about the mixtures present in the environment (aside from AFFF)– their sources, fate, and cumulative toxicity
- Collective need for a repository (at minimum) to facilitate coordination of efforts (lit., sampling, research)
- Most identified gaps and needs fall under research, suggesting our workgroup could play an integral role