***TAMS Steering Committee Call Notes***

**June 23, 2021 @ 10AM PDT**

Attending: Christal Black, Chuck Buckler, Pat Childers, Ann Marie Chischilly, David Gay, Ben Giwojna, Hayden Hardie, Lori Howell, Carma Huseby, Josie Kamkoff, Mike King, Chris Lee, Angelique Luedeker, James Payne, Tanda Roberts, Darlene Santos

**Opening Business**

Roll Call was completed, and there was not a quorum of voting members. Chris Lee facilitated the meeting.

The agendawas approved.

The Spring Meeting and May Meeting notes were not approved.

**TAMS Center Update** – Chris Lee and Hayden Hardie

*Courses/Webinars* – Christal Black, ITEP Program Coordinator

* Review proposed schedule of FY22 training courses
* Upcoming Webinars:
* Healthy Schools-Reopening Schools – July 8
* Tribal IAQ Resource Directory Feedback – July 14
* Upcoming Virtual Zoom Training:
* Indoor Air Quality in Tribal Communities (Level 1) – July 26-30
* Pat suggested to discuss revamping management course due to new grants coming up; Christal will send meeting invite to Pat in next two weeks; welcome feedback from others
* Pat mentions GAP guidance will be changing soon; possibly work into training in October
* Also, American Rescue Funds, 50 million in monitoring, ideal to be proactive and put training in place

*Staff Activity* –

- Angelique Luedeker

* Checking out TEISS for updates; compared to new schema and code tables, emission factors etc.
* Continue providing support to people attending EI fundamentals; not a lot of people attending EI Advance
* Received request for tribal data toolbox assistance; provided link to EPA tool that does formatting; however, tool is no longer supported by EPA; if there are changes, it’s not going to support update to tables; wrote instructions on how we can make AQS formatting for pep audit using excel and putting into notepad; keep for future reference

- Josie Kamkoff

* Usual traffic in QA Fundamentals; some completed writing of QAPP
* Attended meeting on ORCA database; plan to include information regarding TAMS QAPP instruction and assistance
* Increase in QA Fundamentals traffic are interns

- Mike King

* Providing technical support requests and assistance to Winnebago Tribe of Nebraska; assisting with MET tower and equipment installation and review of the MET system
* Provide assistance to Ute Mtn Ute with sensors
* Rerecorded NTFAQ breakout session on dataloggers and remote connectivity; beginning of session was not recorded; will upload final recording on platform
* Providing support to summer interns working on Purple Air sensors; assist with correction to time zone

- Melinda Ronca-Battista

* Continue building training platform for QREST tool
* Currently on travel but continues to work on projects

- Hayden Hardie/Equipment Update (Loans, equipment purchases, etc.) –

* Equipment: working with Chris on list of TAMS Equipment Loan Program Inventory Changes; shared on screen; review of list
* Looking at increasing stock levels for DustTrak, EBAM, BAM-1022, BAM-1020 and Aeroqual Sensor Heads; no time line; as funds become available
* TEOMS and 3M EVM: Looking at excessing and replacing older equipment
* Purple Air Sensors: None in inventory; plan to add 15
* A lot of items out of calibration; due to no equipment manager to oversee during pandemic
* SC members to provide feedback; what are needs from tribes; identify items
* Tanda mentioned the need for calibration for BAM1020; Mike shares information that the California Air Resource Board can provide recertification of flow meters free of charge for tribes in Region 9; Mike will contact them and provide Tanda with update
* Pat suggested to look into the American Rescue Plan Funding for monitoring assistance; announcement will be made next month
* Josie asked if the American Rescue Plan includes funding for training; Pat hopes funding can be included in AIAQTP grant; to be determined
* Share information on TAMS listserv for Lori to excess BAM 1022 equipment to other tribes
* Lori to send information to Chris and put on TAMS listserv
* Chris is on steering committee for conference on wildfire resistant structures; preparing for wildland smoke courses; developing conference for 2023

**Mercury Deposition Network** – David Gay, UW

* Working with partners and EPA; looking for funding to increase mercury monitoring in the west
* Working on proposal to attract more tribes in mercury monitoring
* A cooperative research support project @ UW (USDA)
* We are a “National Research Support Project” (NRSP #3)
* Measure wet deposition of pollutants (“precipitation”)
* Or pollution flux out of the atmosphere/into the biosphere
* Over North America at ~350 monitoring locations,
* Hawaii, US Virgin Islands, Puerto Rico
* And one site in Asia, starting a site in Bermuda
* ~550,000 historical precipitation samples
* Started in 1978, 44th year
* “acid rain network”
* Why monitor for mercury?
* The main flow of mercury into lakes and rivers is atmospheric deposition
* The Bioaccumulation of Methylmercury
* Biomagnification of Methylmercury in the Ecosystem
* Methylmercury Bioaccumulation in organisms
* Working with Clean Air Markets Division (EPA CAMD)
* Who manages the Clean Air Status and Trends Network (CASTNET)
* 7 tribal sites
* Support the NADP’s Ammonia Monitoring Network (AMoN sites at most CASTNET locations
* Interest in identifying locations that help fill spatial gaps in monitoring programs (NADP, wet deposition map)
* And help tribes build monitoring capacity and capabilities
* We have lots of ideas…
* How can we work through you, the TAMS Center, to find or attract more tribes who are interested in this type of monitoring?
* Can you provide candidates in your region?
* Is there support we can provide with respect to the 103/105 grant process to help facilitate new sites or at least make things easier for the tribes?
* We have considered a 103/105 grant template?
* Increase monitoring with Tribes that are already monitoring with NADP
* Reopen Tribal Sites that have closed; increase monitoring with Tribes that have monitored with NADP
* Work with interested tribes; pick and contact tribes; maybe TAMS could send out a broadcast email
* NADP made a presentation to the EPA Tribal Air Coordinators
* Write some basic templates; make it easier for tribes to apply using 103/105 grants; basic application for Tribes?
* Tribes who are willing and interested in mercury monitoring:
* Winnebago
* Confederated Tribes of the Umatilla Indian Reservation
* Grand Portage
* Yurok Tribe
* Nez Perce
* Fond du Lac Band of Lake Superior Chippewa
* Costs for MDN Operation approx. $10k/yr; it is possible; we could find funding (EPA National); NADA could find equipment
* Other Ideas:
* Work with EPA Tribal Coordinators
* Webinar with any/all tribes that are interested; what we can offer; how they can benefit
* Quarterly calls with CASTNET and NADP operators and solicit other ideas?
* Work directly with TAMS Center
* Can we email to tribes using your databases?
* Other?
* If you are interested or have ideas…contact:
* David Gay, [dgay2@wisc.edu](mailto:dgay2@wisc.edu), National Atmospheric Deposition Program
* Melissa Puchalski, [puchalski.melissa@epa.gov](mailto:puchalski.melissa@epa.gov), Clean Air Markets, USEPA
* David Schmeltz, [Schmeltz.David@epa.gov](mailto:Schmeltz.David@epa.gov), Clean Air Markets, USEPA
* Chris mentioned we can get information out to tribes via TAMS listserv; 2 page information sheet from David
* David suggested idea for TAMS to offer webinar covering mercury; Dave can assist; to be discussed further with Christal
* Potential for new tribal programs; good opportunity to prepare to get funding and build proposal for funding
* Tribes can host network; archives set up for 5 years
* Pat suggested to work with Vallen to get list of tribes currently monitoring; plan on workgroup meeting soon with ITEP and EPA staff and Vallen; when funding becomes available make sure tribes are aware; help to form team (TACs, Hayden and others) and work with David

**TAMS Technical Needs Assessment** – Chris Lee, TAMS

* Awaiting data from excel spreadsheet from Clarence
* In the process of pulling data together and will share on next call

**Input from Tribes on Traveling for the Fall of 2021** – Chris Lee, TAMS

* SC to provide update on travel restrictions; will help with our planning efforts
* Carma and Lori mentioned they should be able to travel in the fall; Tanda is unsure and will provide travel update
* Ann Marie reported that travel may potentially open up sooner than anticipated; waiting on update from NAU Travel; will share updates when available
* Consider in-person SC meeting October 12-13; discuss further with the rest of the SC members at next call

Submitted by:

Darlene Santos