

TAMS Steering Committee Call Notes

December 19, 2018 @ 10AM PDT

Attending: Andy Bessler, Pat Childers, Vallen Cook, Farshid Farsi, Lori Howell, Nicole Johnson, Merhdad Khatibi, Monika Lacka, Chris Lee, Laura McKelvey, Mike Natchees, James Payne, Camille QuickBear, Melinda Ronca-Battista, Darlene Santos, Taylor Smoke

Opening Business

Roll Call was completed, and there was a quorum of voting members.

The agenda was approved.

TAMS Center Activity Updates – TAMS Co-Directors

Past and Future Trainings/Courses:

- The Clean Air Act and Permitting course was held last month, November 27-30; the course went well; 14 tribal professionals attended and completed the course; new group with tribal air program.
- Upcoming courses –
 - *R and Environmental Data Analysis* - January 15-17, 2019; the training will be held at the Fond du Lac Tribal and Community College in Cloquet, Minnesota; Melinda is the lead instructor; also instructing are Helen Waqui, Kristie Ellickson and Dorian Kvale from the State of MN.
 - *Indoor Air Quality Diagnostics* – February 12-15, 2019, Las Vegas, NV

Professional Assistance:

- Melinda and Angeli provide continued support to tribes remotely as requested
- Pending PA request from Red Lake Band of Chippewa, MN for assistance with ozone equipment

Other Updates:

- Mike King has been selected for the Technical Specialist III position; his start date was Tuesday, December 11
- Received equipment loan request for IAQ equipment from Angela Bendict at St. Regis Mowhawk
- Received 2 year emergency funding to continue TREX; call with tribes to discuss plan to continue service and add to grant workplan; Sutron to service tribes and keep same format; ITEP to intake payment from tribes and pay Sutron; working on calculations for tribes to add to their proposals; Pat Childers mentioned the TACs will expect to see funding added to their workplan.

TAMS Technical Needs Assessment – All

- Action item to complete final report; send out and continue discussion on January call

New Equipment Purchase – TAMS Co-Directors

- \$40k funding from EPA is available to purchase new equipment; expires soon within couple of months; which direction to move; push for new monitor with light scattering T640; 3-4 tribes already purchased; SC members to discuss BAM 1020 and Teledyne \$25k and which equipment is mostly requested; Farshid suggests Ebam, BAM continuous PM monitor, ozone; should we move toward Teledyne; opportunity to advertise in Fundamentals of Air Monitoring course.

Action Item: Kent to send equipment information to SC members for review.

Disposal of Old Monitoring Equipment with Rad Source – SC Members

- April Hathcoat has 2 old monitors; what is correct method of disposal; monitors have radioactive source; James researched and it depends on each State and type of equipment, etc.
- Post information on TAMS website or send out on TAMS listserv
- MetOne has policy to accept aging monitors
- SC members to review and comment; need to own it!
- Nicole to share other equipment disposal information

Other Business

VW Settlement Update – Andy Bessler/Mehrdad Khatibi

- Andy is lead for outreach efforts with tribes in Alaska; Mehrdad works with contractors for the lower 48
- Court ordered March 18 has been lifted due to proposed modification with trust agreement; see website for more information; this allows trustee to work with tribes; announcements will go out direct to the tribes; ITEP sends out broadly
- Mid January, trustee to provide notification to second round of funding
- Outreach assistance for process steps; attend webinars, etc.
- Develop tribal advisory council to provide feedback and technical outreach
- Get application process going by January
- NTAA ongoing VW Settlement workgroup; next call January 3
- Schedule webinars with tribes
- Approach tribes at NTF

NTFAQ Discussion – All

- Lori reported that Pechanga submitted a proposal to host the NTF
- Looking into lodging and Crown Plaza in San Diego
- Poll taken to support the tribes
- Lydia will submit proposal
- Smoking in casino was big concern last year
- Lydia to send out survey for different projects in mid January
- Tentative dates proposed, week of May 6-10; avoid Mother's Day weekend
- Contract with Pechanga and NAU needs to be approved before we proceed with plans
- Pechanga to assist with shuttle transportation
- Encourage members to sign up for work groups
- Chris to forward emails from Lydia to SC members

- Advertise for VM Awards candidates; add to agenda for discussion
- Opening Ceremony – help to formulate a more flowing opening; too much ITEP and EPA representation
- Chris to resend email regarding NTF work group

Tribal Energy Atlas – James Payne

- A mapping tool
- Renewable energy sources on-line
- Interactive existing infrastructure
- Oil, natural gas transmission lines, water, etc.
- Mapping tool put out by Department of Energy
- Attended webinar; sent link to all for review

Action Item: Sherry Stout is contact; she is willing to present at NTF

TAMS Role Star Report – Pat Childers

- Add to January agenda; prepare to discuss at in-person meeting in March
- Status of TAMS and SC members tribal air work
- Stay active in writing report
- Continue to put effort in recording success stories
- Andy to attend first STAR report meeting; schedule conflicts
- Encourage SC members to attend calls and share information at future TAMS SC calls

Next Conference Call – Wednesday, January 16, 2019

Submitted by:

Darlene Santos

Proper Disposal of Beta Attenuation Monitors

(This document applies to tribes that do not have a Specific License issued by the U.S. Nuclear Regulatory Commission.)

Beta Attenuation Monitors (BAMs) contain radioactive material and may be subject to disposal requirements. There are a few key factors that determine how the BAMs are disposed of properly. Key language to know under the Nuclear Regulatory Commission (NRC) regulations are:

Licenses not required:

Exempt Sources (ES)

Consumer products containing byproduct material and source material that are used by the general public are exempted from licensing requirements only if the Commission determines that the products or types of uses do not constitute an unreasonable risk to the common defense or security or to public health and safety and the environment.

Licenses:

General License (GL)

The general license that exists in the NRC regulations allows individuals to receive and use the generally licensed device without obtaining a Specific License. The generally licensed device will contain a statement that the receipt, possession, use, and transfer of the device are subject to a general license or the equivalent and the regulations of the U.S. NRC or of an Agreement State. The individual receiving the device must comply with the requirements for labeling, instructions for use, and proper storage or disposition of the device. The transfer and disposal of GL devices must be done by individuals possessing a specific license to transfer or dispose generally licensed devices. (You cannot just give them to someone without coordinating with someone specifically licensed to transfer GL devices.)

The proper disposal of radioactive material is under 10 CFR 20 Subpart K—Waste Disposal

ES devices do not have federal requirements for disposal; the purchaser is exempt from any regulatory requirements. Usually, but subject to verification, a serial number ending with an “E” was distributed under an Exempt License. Although contacting agreement states for disposal of EL is not required, it is good practice.

GL devices have federal requirements for disposal. When purchasing a GL device, the manufacturer/distributor is required to include an instruction that contains NRC regulation regarding GL uses and disposal information.

Some manufacturers, including MetOne, will take back their manufactured BAMs for disposal, at no charge. Others, including Thermo, state they no longer have a program in place to dispose of the sources and thereby recommend a third party to dispose of the devices.

The registry with the Nuclear Regulatory Commission for GL devices is not publicly available. Contact the NRC Office of Public Affairs at this link: <https://www.nrc.gov/about-nrc/public-affairs/contact-opa.html> to obtain additional information in determining the type of license and/or disposal requirements.

Without knowing the origination of the sources, the safe way to dispose of devices is to use a licensed waste disposal facility. A non-comprehensive list of Radioactive Waste Broker & Decontamination Services as listed by the Conference of Radiation Control Program Directors (CRCPD) is attached.

Ultimately, tribes should contact their NRC Regional office to identify the best course of action for disposal of BAMs and other radioactive containing devices. Contact information and regional jurisdiction is listed below:

U.S. NRC Region I	U.S. NRC Region II	U.S. NRC Region III	U.S. NRC Region IV
<i>2100 Renaissance Blvd., Suite 100</i>	<i>245 Peachtree Center Ave N.E., Suite 1200</i>	<i>2443 Warrenville Road, Suite 210</i>	<i>1600 East Lamar Boulevard</i>
<i>King of Prussia, PA 19406-2713</i>	<i>Atlanta, GA 30303</i>	<i>Lisle, Illinois 60532-4352</i>	<i>Arlington, Texas 76011-4511</i>
<u>610-337-5000</u>	<u>404-997-4000</u>	<u>630-829-9500</u>	<u>(817) 860-8100</u>
Connecticut (CT)	Alabama (AL)	Illinois (IL)	Alaska (AK)
Delaware (DE)	Florida (FL)	Indiana (IN)	Arizona (AZ)
Maine (ME)	Georgia (GA)	Iowa (IA)	Arkansas (AR)
Maryland (MD)	Kentucky (KY)	Michigan (MI)	California (CA)
Massachusetts (MA)	North Carolina (NC)	Minnesota (MN)	Colorado (CO)
New Hampshire (NH)	Puerto Rico (PR)	Missouri (MO)	Hawaii (HI)
New Jersey (NJ)	South Carolina (SC)	Ohio (OH)	Idaho (ID)
New York (NY)	Tennessee (TN)	Wisconsin (WI)	Kansas (KS)
Pennsylvania (PA)	Virginia (VA)		Louisiana (LA)
Rhode Island (RI)	Virgin Islands (VI)		Mississippi (MS)
Vermont (VT)	West Virginia (WV)		Montana (MT)
Washington, DC			Nebraska (NE)
			Nevada (NV)
			New Mexico (NM)
			North Dakota (ND)
			Oklahoma (OK)
			Oregon (OR)
			South Dakota (SD)
			Texas (TX)
			U.S. Pacific Territories
			Utah (UT)
			Washington (WA)
			Wyoming (WY)