

# WRAP TDWG Monthly Call Agendas Notes/Follow-up action SUMMARY

## Sep 2018 - Jan 2019: ITEP Support Tasks

Members on recurring call invite list (appointments sent by Tom):

Charlie Schlinger  
Mark Daniels (through November)  
Emma Ruppell  
Kris Ray  
Julie Simpson  
Randall Ashley  
Mel Joseph  
Joe Hostler  
Minnie Grant  
Caleb Minthorn  
Shaina White  
Frank Spurgeon  
Ryan Eberle  
Jason Walker  
Joseph Montana  
James J Payne  
Karen Shaw  
Mehrdad Khatibi  
Bill Auberle  
Patricia M Ellsworth  
Christopher J Lee  
Tom Moore

### 1. 1/17 Monthly Project Call Agenda

[http://www.wrapair2.org/calendar/viewitem.jsp?&cal\\_item\\_id=20166](http://www.wrapair2.org/calendar/viewitem.jsp?&cal_item_id=20166)

Hi Tom,

Below is an updated summary of project tasks for our January 17<sup>th</sup> coordination meeting. Meant to send this to you earlier in the week so your web person would have more lead time to get the TDWG website updated, but I got behind schedule. So apologies for the short notice.

I've tried to highlight in the "Status" line where tasks have been updated since our last meeting. And the link to the documents referenced are on our WRAP TDWG dropbox site: <https://www.dropbox.com/home/WRAP%20Tribal%20Data%20Working%20Group/ITEP-WRAP-TDWG%20Project%20Deliverables>

Please let me know if you have any questions or need anything else.

Thanks  
Mehrdad

## **Task 1.1      General WRAP Outreach to Tribes**

Sub-Task 1.1.1 Regional Haze materials for Tribal professionals      **Status: Complete / Updated**

The completed Fact Sheet and PowerPoint presentation on regional haze are attached. These materials have been reviewed and edited twice by Tom Moore and TDWG leadership. Documents have also been recently updated to include WRAP and WESTAR logos, as well as a newly designed header. This sub-task is complete except for dissemination of these materials e.g. webinar, conference/meeting presentations.

Sub-Task 1.1.2 WRAP Processes and Procedures for Tribes      **Status: Complete / Updated**

This task element focuses on outreach materials to support opportunities for Western Tribes to participate in the Western Regional Air Partnership (WRAP) and EPA's regional haze planning and regulatory processes more broadly. The two attached documents are a Fact Sheet and complementary PowerPoint presentation suitable for delivery in multiple platforms e.g. webinar, conference presentation. ITEP and the WRAP TDWG have reviewed and commented on a previous draft of each document. Documents have also been recently updated to include WRAP and WESTAR logos, as well as a newly designed header. This sub-task is complete except for dissemination of these materials e.g. webinar, conference/meeting presentations.

Sub-Task 1.1.3 Tribal Contacts in the WRAP Region      **Status: DRAFT Complete – Updates made but more work is required**

Listing of tribal contacts for the WRAP region was developed and shared with the TDWG in November and reviewed during the December 20<sup>th</sup> coordination meeting. Mehrdad, Dara Marks-Marino and Bill met on January 2 to modify the design of a "master spreadsheet" containing contacts for each of the WRAP region Tribes with emphasis on those in the "lower 48". Dara will complete the new spreadsheet design and build on the existing ITEP contact information and addressing suggestions from Kris Ray and Emma Ruppell. Dara also will obtain current information from multiple sources to update and complete the contact information for each Tribe. The current federal government shutdown will inhibit Dara's ability to acquire information from some sources, and in that instance, there may be some schedule delay. **Attached is an updated WRAP Tribal Contacts Excel file.**

Sub-Task 1.1.4 WRAP Tribal Maps      **Status: In Progress**

GIS maps of relevant Tribal information have been developed; reviewed and discussed with WRAP and the TDWG; and modified accordingly. Mark Daniels, and, more recently, Charlie Schlinger have worked with Tom Moore and Betsy Davis-Noland (Air Resource Specialists) to revise these maps on WRAP's web site. At our most recent project coordination meeting on December 20, Tom asked the TDWG participants whether these work products should appear with other WRAP GIS layers or appear specifically as TDWG materials. The TDWG is deliberating on an answer to his question.

**Task 1.2      Tribal AQS Data Gap Study      **Status: Complete (no new update)****

EN3's technical report *Tribal AQS Data Gap Study* was completed and submitted on November 23. A comprehensive Excel spreadsheet showing tribal and tribally-related air monitoring activities accompanied this report.

**Task 1.3      Tribal NEI Data Gap Study      **Status: Complete (no new update)****

The NEI Tribal Data Gap Study is complete. Attached is EN3's technical report that presents the results and conclusions of this work. The report also describes the methodology utilized to perform this analysis. This information should be useful to the WRAP and its contractors. It also will be beneficial to any entity that relies on emissions source information contained in EPA's National

Emissions Inventory (NEI). It is noteworthy that EPA's Office of Air Quality Planning and Standards has advised EN3 of updates they performed very recently utilizing discoveries and a recommendation from EN3's work on this task element. As with all documents and reports, we are prepared to respond to any questions and comments.

**Task 1.4 Tribal Oil & Gas Emissions Inventory Status: Incomplete, In-Progress, Updated**

EN3 has completed a compilation of principal oil and gas (O&G) producing Tribes in the WRAP region. Building on this foundation we are identifying associated sources of emissions from O&G development and operations on Tribal lands. Concurrently with source identification and location, emissions rates for calendar year 2017 are being compiled. **A technical report dated January 14, 2019 and Excel spreadsheets are attached and available for review.**

Utilizing the emissions source information, EN3 will contact each Tribe identified as having significant oil or gas production. This outreach will serve two purposes. First, we will seek to enhance the emissions information confirming identified sources, adding sources not previously included in the inventory, etc. Second, EN3 will utilize this direct contact opportunity to inform Tribal air quality and environmental professionals about the WRAP and encourage participation in WRAP activities. Following outreach to the identified Tribes, the 2017 O&G emissions compilation will be updated as appropriate.

**Task 1.5 Consultation Protocol Status: Incomplete - Updated**

EN3 has engaged in frequent communications with TDWG leaders and the WRAP Consultation & Coordination (C&C) Subcommittee. The Subcommittee has prepared a Draft *WRAP Communication Framework for Regional Haze Planning*. The C&C Subcommittee will lead a discussion of this draft document at the winter meeting of WRAP leadership on December 4 & 5. EN3 has reviewed this document and shared comments with TDWG in preparation for the upcoming meeting.

Following the 12/20 coordination meeting a call was held with Rebecca Harbage and members of the TDWG, ITEP and EN3 team on 1/8/18 to discuss progress on the C&C Subcommittee's Framework document and further direction for the ITEP / EN3 team to provide input and value for the work of the C&C subcommittee. Following this call and at the request of the TDWG, EN3 reviewed and provided a limited set of comments and edits on the C&C Subcommittee's "Framework" for outreach in the regional haze SIP development processes. **Please see attached.**

In addition, TDWG asked the ITEP / EN3 team to develop an outline for a "Tribal Consultation Factsheet" that could potentially be used as an addendum or perhaps a stand-alone document to supplement the C&C Subcommittee's Framework. An attempt was made by the EN3 team to begin drafting an outline, **however EN3 and ITEP would benefit from more information and guidance from TDWG on this specific task.**

**Task 1.6 Webinars Status: Incomplete (no new update)**

EN3 completed materials on Regional Haze (Task1.1.1) and "Tribes, WRAP and Regional Haze" (Task 1.1.2). These materials are designed for broad outreach including use in webinars. ITEP and EN3 are prepared to participate in developing and implementing webinars and complementary communications initiatives. This activity should begin in early 2019.

Mehrdad Khatibi  
Director

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ITEP: [facebook](#) | [website](#) | [email](#)



## Follow-up Notes

Hi All,

In the spirit of trying to keep track of things as we progress here's my list of noted action items from the call... sorry if parts are missing as I had to exit the call for a little while to try figure out a faulty breaker with our maintenance staff. (We had a big storm last night) I'll go by section so it's easier for you to see where I may have missed something in which case, chime in please. (Other WRAP work groups- WGs or subcommittees- SCs, are not in bold)

### **Contact list updating**

**ITEP** will talk to Mary (?) re. Alaska (sorry this is where I picked up the call again)

**Julie** will assist with work on R10

Otherwise, list is considered as updated as it will likely ever get, and

**TDWG** consider revising workplan (e.g. admin subtask section?) in the near future to include some regular updating, OR

**WRAP or ITEP** find a way to cover regular updating within staff- please advise.

### **Map**

**Everyone** send your name to Tom/Charlie to be included on a separate call for map design, or else it will be discussed in more detail on the next call. Sorry, that's what I heard, I'm not totally sure which. I'd like to be included.

**TDWG members** double-check links relevant to your area in the spreadsheets in the tribal resources section of the map at <https://www.wrapair2.org/mapTDWG.aspx>

**Map- if within current agreement budget/scope, otherwise wait for call as mentioned:**

**EN3** distinguish "active"/"voting" member tribes on map because all tribes in region are de facto members

**EN3** reconcile tribe names "in use" v. reservation names in google

**EN3** populate the local air agencies layer

### **Oil & Gas report**

**Tom** arrange for **EN3** to present the report to Ramboll/OGWG possibly on next call.

**EN3** present the report for Ramboll feedback, partly to define what is counted as a *source* (assuming also allow for some potential edits after?)

**EN3** reorder the xls lists so "outliers" are also sorted by tribe name.

**TDWG** review the report again (?)

**Bill** stated **EN3** will do outreach to the identified tribes- but that's all I heard so my guess is hold on this for any action item at least until the next call, but please correct me if that's not right.

### **Consultation/coordination protocol (refer also to email from Julie to ITEP/EN3 summarizing call with CC subcommittee)**

**TDWG members** read 1. tribal outreach document by EN3 and 2. draft of CC framework with EN3 comments, and provide feedback to **ITEP/EN3** by next Friday 1/25.

Since we've been asked, if you haven't already given feedback to **ITEP/EN3** on whether you see need for a "free-standing" tribal CC document or revising the central CC framework document used by the CCSC, you can indicate that also. So far & very much summarized, the responses have been:

Rebecca (for CCSC)- either language in draft or an appendix could work, but would like it ASAP

Julie- 1 pager, defer to Rebecca

Tom- freestanding document

Kris- freestanding document + fact sheet for tribes

Emma- was include in main document, now defer to Rebecca or whatever can happen ASAP

Bill- wants to know what format is wanted but thinks 1-pager will not cover it all.

**EN3 outstanding action item** from last call/notes- draft a tribal CC timeline/schedule (no dates necessary yet) for the non-tribal entities based on chart of milestones made by Rebecca/CC subcommittee

**EN3 outstanding action item (?)** CC fact sheet or 1-pager *for tribes*. Just the request for this is in my notes, so maybe we can check in on that on the next call.

Thank you all,

Emma Ruppell

**Bishop Paiute Tribe**

**Environmental Management Office**

Air Quality & Meteorology Specialist

760-784-9308 x 2110

760-784-4037 cell

**From:** Mehrdad - Khatibi <[Mehrdad.Khatibi@nau.edu](mailto:Mehrdad.Khatibi@nau.edu)>

**Sent:** Thursday, January 17, 2019 10:50 AM

**To:** Tom Moore <[tmoore@westar.org](mailto:tmoore@westar.org)>; Emma Ruppell <[Emma.Ruppell@bishoppaiute.org](mailto:Emma.Ruppell@bishoppaiute.org)>; Kris Ray <[Kris.Ray@colvilletribes.com](mailto:Kris.Ray@colvilletribes.com)> <[Kris.Ray@colvilletribes.com](mailto:Kris.Ray@colvilletribes.com)>; Julie Simpson <[julies@nezperce.org](mailto:julies@nezperce.org)> <[julies@nezperce.org](mailto:julies@nezperce.org)>; Randall Ashley (<[Randall.Ashley@cskt.org](mailto:Randall.Ashley@cskt.org)> <[Randall.Ashley@cskt.org](mailto:Randall.Ashley@cskt.org)>; Mel Joseph (<[mel.joseph@lpsr.org](mailto:mel.joseph@lpsr.org)> <[mel.joseph@lpsr.org](mailto:mel.joseph@lpsr.org)>; <[jhostler@yuroktribe.nsn.us](mailto:jhostler@yuroktribe.nsn.us)>; <[minnieg@utetribe.com](mailto:minnieg@utetribe.com)>; Caleb Minthorn <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)> <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)>; <[shaina.white@itcaonline.com](mailto:shaina.white@itcaonline.com)>; Frank Spurgeon (<[frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)> <[frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)>; <[ryan.eberle@gric.nsn.us](mailto:ryan.eberle@gric.nsn.us)>; Jason Walker (<[jswalker@ida.net](mailto:jswalker@ida.net)> <[jswalker@ida.net](mailto:jswalker@ida.net)>; <[JMontana@hualapai-nsn.gov](mailto:JMontana@hualapai-nsn.gov)>; Payne, JamesJ (<[payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)> <[payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)>; Karen Shaw <[kshaw@fmyn.org](mailto:kshaw@fmyn.org)>; Bill Auberle <[wauberle@gmail.com](mailto:wauberle@gmail.com)>; Patricia M Ellsworth <[Patricia.Ellsworth@nau.edu](mailto:Patricia.Ellsworth@nau.edu)>; Christopher J Lee <[Christopher.Lee@nau.edu](mailto:Christopher.Lee@nau.edu)>

**Cc:** Charlie Schlinger (<[cschlinger@en3llc.com](mailto:cschlinger@en3llc.com)> <[cschlinger@en3llc.com](mailto:cschlinger@en3llc.com)>

**Subject:** RE: important reminder: monthly TDWG coordination call with ITEP and EN3 on work tasks is at 1000 am MST (now) - see link below

## 2. 12/20 Monthly Project Call Agenda

All materials for the Dec. 20<sup>th</sup> call are posted at:

<http://www.wrapair2.org/TDWG.aspx>

## WRAP Tribal Data Work Group call

Details	
<b>Date:</b>	Thu, Dec 20, 2018
<b>Time:</b>	10:00 AM MST

You have been invited to a meeting hosted by WESTAR WEB MEETING2. All the information you need to join is below.

### Step 1: Dial-In



U.S. & Canada: 800.768.2983



Access Code: 6619876342

### Step 2: Web Login



<https://cc.callinfo.com/r/15f97uid8vj8u&eom>

**Duration:** 1 hour 30 minutes

**Host(s):** WESTAR WEB MEETING2

#### Add to your Calendar



[Outlook Calendar](#)



[IBM Notes Calendar](#)



[Google Calendar](#)

#### Test Your Computer

**[Test your computer for compatibility prior to the meeting.](#)**

### Follow Up Notes

In response to Kris comments, if this would work, how about adding to the point in the list below:

- 1.1.3 CONTACT LIST. ITEP is to revise the list by the next call on 1/17/19 with division for air quality staff v. chairpersons and/or further divisions by purpose- tribal outreach v. formal consultation use by state/federal partners; **and also to perform cross-check for current contacts as feasible with EPA regional lists for formal consultation contacts- i.e. chairpersons/department heads.**

I would be fine with splitting cross-checking in this manner, then the **TDWG/TSC** can cross-check the air quality staff per region, if/as we decide to do so, though it's arguable as to whether it's worth the (massive) effort, beyond any quickly noticed old contacts. Either way, I propose using the approach of gaining any updates from other parties and comparing to the master list, to ensure we don't use or misuse the list prematurely.

**From:** Kris Ray (ENV) <[Kris.Ray@colvilletribes.com](mailto:Kris.Ray@colvilletribes.com)>

**Sent:** Friday, December 21, 2018 8:32 AM

**To:** 'Mehrdad - Khatibi' <[Mehrdad.Khatibi@nau.edu](mailto:Mehrdad.Khatibi@nau.edu)>; Emma Ruppell <[Emma.Ruppell@bishoppaiute.org](mailto:Emma.Ruppell@bishoppaiute.org)>; Tom Moore <[tmoore@westar.org](mailto:tmoore@westar.org)>; Julie Simpson <[julies@nezperce.org](mailto:julies@nezperce.org)> <[julies@nezperce.org](mailto:julies@nezperce.org)>; Randall Ashley <[Randall.Ashley@cskt.org](mailto:Randall.Ashley@cskt.org)> <[Randall.Ashley@cskt.org](mailto:Randall.Ashley@cskt.org)>; Mel Joseph <[mel.joseph@lppsr.org](mailto:mel.joseph@lppsr.org)> <[mel.joseph@lppsr.org](mailto:mel.joseph@lppsr.org)>; jhostler@yuroktribe.nsn.us; minnieg@utetribes.com; Caleb Minthorn <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)> <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)>; shaina.white@itcaonline.com; Frank Spurgeon <[frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)> <[frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)>; ryan.eberle@gric.nsn.us; Jason Walker <[jswalker@ida.net](mailto:jswalker@ida.net)> <[jswalker@ida.net](mailto:jswalker@ida.net)>; JMontana@hualapai-nsn.gov; Payne, JamesJ <[payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)> <[payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)>; Karen Shaw <[kshaw@fmyn.org](mailto:kshaw@fmyn.org)>; Bill Auberle <[wauberle@gmail.com](mailto:wauberle@gmail.com)>; Patricia M Ellsworth <[Patricia.Ellsworth@nau.edu](mailto:Patricia.Ellsworth@nau.edu)>; Christopher J Lee <[Christopher.Lee@nau.edu](mailto:Christopher.Lee@nau.edu)>; Charlie Schlinger <[cschlinger@en3llc.com](mailto:cschlinger@en3llc.com)> <[cschlinger@en3llc.com](mailto:cschlinger@en3llc.com)>; Mark Daniels <[mdaniels@en3llc.com](mailto:mdaniels@en3llc.com)> <[mdaniels@en3llc.com](mailto:mdaniels@en3llc.com)>

**Subject:** RE: FOLLOW UP of Dec 20th monthly TDWG coordination call this morning with ITEP and EN3 on work tasks

wayÂ Everyone

At the end of the call we discussed the need for some Quality assurance checks. This came up after viewing the monitoring map and comparing it to the monitor spreadsheet. The map showed more monitors than the spreadsheet had. These need to be cross checked. The contact list also needs to be worked on by including contacts from other easily obtained lists like NTAA, TAMS list serve, EPA Tribal contact list etc. As it stands now the TDWG is expected to conduct the QA for the list which is a lot of work. Please keep in mind the list will be used to contact Tribes in the WRAP region and provide information about the RH planning efforts and to inform them of consultation opportunities. Although it would be nice to maintain the list over a long period that would be difficult to accomplish. We would also use the listings to see if Tribes would like to be on a long-term contact list and solicit active WRAP members.

Hope everyone enjoys the holidays.

Kris Ray  
Air Quality Program Manager  
Confederated Tribes of the Colville Reservation  
Office: 509-634-2418; Cell: 509-978-8025

**Control the Air You Breathe, Become Smoke Ready**



**From:** Mehrdad - Khatibi [<mailto:Mehrdad.Khatibi@nau.edu>]

**Sent:** Friday, December 21, 2018 8:19 AM

**To:** Emma Ruppell; Tom Moore; Kris Ray (ENV); Julie Simpson [julies@nezperce.org](mailto:julies@nezperce.org); Randall Ashley ([Randall.Ashley@cstk.org](mailto:Randall.Ashley@cstk.org)); Mel Joseph ([mel.joseph@lppsr.org](mailto:mel.joseph@lppsr.org)); [jhostler@yuroktribe.nsn.us](mailto:jhostler@yuroktribe.nsn.us); [minnieg@utetribes.com](mailto:minnieg@utetribes.com); Caleb Minthorn <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)>; [shaina.white@itcaonline.com](mailto:shaina.white@itcaonline.com); Frank Spurgeon ([frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)); [ryan.eberle@gric.nsn.us](mailto:ryan.eberle@gric.nsn.us); Jason Walker ([jswalker@ida.net](mailto:jswalker@ida.net)); [JMontana@hualapai-nsn.gov](mailto:JMontana@hualapai-nsn.gov); Payne, JamesJ ([payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)); Karen Shaw; Bill Auberle; Patricia M Ellsworth; Christopher J Lee; Charlie Schlinger ([cschlinger@en3llc.com](mailto:cschlinger@en3llc.com)); Mark Daniels ([mdaniels@en3llc.com](mailto:mdaniels@en3llc.com))

**Subject:** RE: FOLLOW UP of Dec 20th monthly TDWG coordination call this morning with ITEP and EN3 on work tasks

Hi Emma,

Thank you for the detailed notes! Looks good from my end.

Mehrdad Khatibi  
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Thank you to those attending this call today, it looks like we covered a lot of material with the new draft deliverables. Here's a summary of action items from my notes, please forgive if they are a little awry but this is as comprehensive as I have in my notes. Sorry if I am pre-empting Charlie & anyone else's notes but I am about to be out of the office. Look for your **name or role!** 😊

By (abbreviated) task:

- 1.1.1 FACT SHEET & RH PRESENTATION. Content is considered final, but these are posted- scroll to link in prior email below- if **any WRAP/TDWG members** still is planning on reviewing with

- purpose to provide feedback. **EN3/ITEP** is to finalize the fact sheet with tribal graphic design elements & WRAP graphic design elements (**Tom** will provide), possibly add a pdf version. As soon as this is done, The **TDWG co-chairs** can pursue consensus on the products with the TDWG.
- 1.1.2 FACT SHEET & WRAP PRESENTATION. Same as above, **same people as above**.
  - 1.1.3 CONTACT LIST. **ITEP** is to revise the list by the next call on 1/17/19 with division for air quality staff v. chairpersons and/or further divisions by purpose- tribal outreach v. formal consultation use by state/federal partners.
  - 1.1.4 MAPS. For data used in map layers that originate with data used in task 1.2 below, see task 1.2- e.g. reservation v. tribe names, name in tag matching marker etc. In other words, as corrections are ID'd they should be reflected in the map layers & sidebar downloadable lists. (Corrections to be made to map elements to be done by **Charlie, Tom, WRAP/Betsy**.)  
**Charlie** is to update the TAS list by running it by James P.  
**Julie** is to append the consultation protocol with this map, TBD exactly how/when (see more below in task 1.5).  
**Charlie/Tom** are to add columns for corresponding region & states to sidebar downloadable lists, and link to relevant webpage for source of regulatory status.  
**Charlie/Tom** are to add TNSR records (rows) to FIP list in sidebar.  
If possible within software constraints, **Charlie/Tom** are to color code all Tribal markers and their cursor tags/boxes/whatever they're called.  
It was suggested to add a file of tribal monitors to the sidebar download lists, I'm not sure if that was confirmed.  
**TDWG members and anyone on the call** may indicate to **EN3 or WRAP or TDWG** (or reply in email) whether they favor publishing the tribal map elements (see Tribal Resources in sidebar) on *only* the WRAP TDWG webpage's map, or publishing it to the main WRAP homepage map, or both.
- 1.2 AQS STUDY. **TDWG Co-chairs** (and if possible any **TDWG members/anyone on the call**) are to review the report & spreadsheet and provide comments to **EN3** by end of Monday 1/7/19 who will address updates for the next call on 1/17/19. And yes I just suggested that date, it was not in the call! But If this is too soon, please have comments ready by the call.  
Also review for correctness- tribal names, reservations, other attributes/info to report to EN3.  
Some examples already identified now: Gila Bend should be Gila River, Fort Independence is in CA not NV, and Rocky Boy's should be Rocky Boy etc. (though that last one is actually from task 1.4).
  - 1.3 NEI STUDY. Same as above, **same people as above**.  
**Tom** is to share the NEI study results with the modeling subcommittee for use in their next round of modeling.
  - 1.4 O&G STUDY. In progress by **EN3**.  
**Tom** is to connect EN3/Charlie & Ramboll, in order to quantify the sources listed so far.  
**Tom** is to connect EN3/Charlie & Oil & Gas work group, so EN3 can be on the next OGWG call and get some validation on existence of sources from OGWG, after which **EN3** is to rank/prioritize tribal sources for WRAP outreach within the work product (and match with contact info as needed). (I think; I apologize if I got the wires crossed with those last 2 action items.)
  - 1.5 CONSULTATION PROTOCOL. **Julie** is to set up a call soon with the consultation subcommittee lead, EN3 & TDWG to identify
  - 1.6 WEBINARS. EN3 requested a schedule of outreach opportunities, **ITEP/Mehrdad** is to draft something with dates such as for NTF, RTOCs, present to TAMS etc. To start with, (R9 RTOC is in January but that may be too soon!) Perhaps by the next call.

Finally, we agreed that as there's many work products now in existence in draft mode that are open for review, we consider that during draft revisions only **ITEP** retains the working *master* for each document, which will be sent to WRAP/Tom once it's finalized by EN3 with everyone's comments. (So once it gets to ITEP it's the master). All other drafts we get from emails or download are not the master final product

for the workplan. Just stating this as there are some draft materials available on the WRAP TDWG webpage, which means *they are to be replaced with the final master product* once it goes through WRAP review/approval, by **WRAP/Tom/Betsy**.

(Also please, can **Tom** relate this to anyone who is not on this email who may need it, i.e. Betsy, Mary.)

Well I hope this isn't totally overwhelming, and please let me know if something looks totally amiss. If you don't see your name/role... congratulations, I think !?! 😊  
Otherwise, I hope everyone has a wonderful weekend and holidays.

Emma Ruppell  
**Bishop Paiute Tribe**  
**Environmental Management Office**  
Air Quality & Meteorology Specialist  
760-784-9308 x 2110  
760-784-4037 cell

**From:** Tom Moore <[tmoore@westar.org](mailto:tmoore@westar.org)>  
**Sent:** Thursday, December 20, 2018 8:37 AM  
**To:** Emma Ruppell <[Emma.Ruppell@bishoppaiute.org](mailto:Emma.Ruppell@bishoppaiute.org)>; Kris Ray [Kris.Ray@colvilletribes.com](mailto:Kris.Ray@colvilletribes.com) <[Kris.Ray@colvilletribes.com](mailto:Kris.Ray@colvilletribes.com)>; Julie Simpson [julies@nezperce.org](mailto:julies@nezperce.org) <[julies@nezperce.org](mailto:julies@nezperce.org)>; Randall Ashley ([Randall.Ashley@cst.org](mailto:Randall.Ashley@cst.org)) <[Randall.Ashley@cst.org](mailto:Randall.Ashley@cst.org)>; Mel Joseph ([mel.joseph@lpsr.org](mailto:mel.joseph@lpsr.org)) <[mel.joseph@lpsr.org](mailto:mel.joseph@lpsr.org)>; [jhostler@yuroktribe.nsn.us](mailto:jhostler@yuroktribe.nsn.us); [minnieg@utetribes.com](mailto:minnieg@utetribes.com); Caleb Minthorn <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)> <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)>; [shaina.white@itcaonline.com](mailto:shaina.white@itcaonline.com); Frank Spurgeon ([frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)) <[frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)>; [ryan.eberle@gric.nsn.us](mailto:ryan.eberle@gric.nsn.us); Jason Walker ([jswalker@ida.net](mailto:jswalker@ida.net)) <[jswalker@ida.net](mailto:jswalker@ida.net)>; [JMontana@hualapai-nsn.gov](mailto:JMontana@hualapai-nsn.gov); Payne, JamesJ ([payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)) <[payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)>; Karen Shaw <[kshaw@fmyr.org](mailto:kshaw@fmyr.org)>; Mehrdad Khatibi [Mehrdad.Khatibi@nau.edu](mailto:Mehrdad.Khatibi@nau.edu) <[Mehrdad.Khatibi@nau.edu](mailto:Mehrdad.Khatibi@nau.edu)>; Bill Auberle <[wauberle@gmail.com](mailto:wauberle@gmail.com)>; Patricia M Ellsworth <[Patricia.Ellsworth@nau.edu](mailto:Patricia.Ellsworth@nau.edu)>; Christopher J Lee <[Christopher.Lee@nau.edu](mailto:Christopher.Lee@nau.edu)>; Charlie Schlinger ([cschlinger@en3llc.com](mailto:cschlinger@en3llc.com)) <[cschlinger@en3llc.com](mailto:cschlinger@en3llc.com)>; Mark Daniels ([mdaniels@en3llc.com](mailto:mdaniels@en3llc.com)) <[mdaniels@en3llc.com](mailto:mdaniels@en3llc.com)>  
**Subject:** reminder of Dec 20th monthly TDWG coordination call this morning with ITEP and EN3 on work tasks - link to materials below

### 3. 11/15 Monthly Project Call Notes

Greetings all,

As discussed during our monthly coordination call last week, ITEP and the EN3 Team are providing a five (5) work products for the TDWG's review and feedback. **Please review and provide comments, feedback or edits by November 30, 2018.**

The documents and work products for your review and feedback are:

1. Regional Haze Fact Sheet (**previously reviewed and commented by TDWG**)
2. Region Haze PPT with talking points (**previously reviewed and commented by TDWG**)
3. WRAP Tribal Fact Sheet (**not reviewed previously by TDWG**)
4. Tribal Participation PPT in PDF format (**not reviewed previously**) PPT file was too large to email.
5. Contacts for Tribes in the WRAP Region (**not reviewed previously by TDWG**)

- Tribal contacts are organized by EPA Region and Alaska contacts are listed as a stand-alone tab.

Thanks and hope you all have a wonderful and safe holiday break with family and friends.

Mehrdad Khatibi  
 Director  
 Institute for Tribal Environmental Professionals  
 Northern Arizona University  
 928-523-0946 | [Mehrdad.khatibi@nau.edu](mailto:Mehrdad.khatibi@nau.edu)  
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#### 4. 10/18 Monthly Project Call Agenda

##### Attendance

Julie Simpson – Nez Perce Tribe, TSC Co-Chair  
 Pat Ellsworth – ITEP  
 Kris Ray – Colville Tribes, TDWG Co-Chair  
 Mehrdad Khatibi – ITEP, TDWG project manager  
 Bill Auberle – EN3 lead for TDWG project  
 Mark Daniels – EN3  
 Emma Ruppell – Bishop Paiute Tribe, TDWG Co-Chair  
 Tom Moore – WESTAR and WRAP  
 Chris Lee – NAU  
 James Payne, OAQPS

##### Workplan progress

Task 1 (general TDWG support) - 4 subtasks, background research completed, starting presentation development for webinar, Include other pollutants?, focus on reaching out to tribes with webinar and written materials about regional haze – use ozone and N dep as complementary regional topics from workplan, WRAP Workplan and Charter are references, Mark drafting fact sheet and powerpoint, WRAP region tribal contact list work underway, map work – list of possible additional layers by Mark – call with Mark/ARS/Tom to review WRAP website map layers

Task 2 – (AQS data gaps study) – working with James Payne and others at OAQPS about AQS data reporting by tribes, find AQS data reports from tribes for 2014 and 2016

Task 3 (NEI data gaps study) – Mark to contact James with questions, to refer to experts in the OAQPS EI group

Task 4 (O&G emissions study and outreach) – Southern Ute, Assiniboine and Sioux, Shoshone-Bannock – data are in NEI, Mark to get additional info from Tom about transmission and distribution codes for sorting sources on tribal lands, Mark to send questions and contact Claudia Smith-Young, Tom to set up appt. with Bill-Mark-Charlie on tribal involvement earlier O&G EI basin-level work

Task 5 (Consultation Protocol) – EN3 getting involved with C&C Subcommittee to determine what the TDWG work product should look like – white paper?, work on protocol?, other? – Julie to share working materials for C&C Subcommittee and will talk with Rebecca Harbage, also Dec. 4-6 meeting, discussion of step-wise document for tribes to have to use in Regional Haze planning efforts,

as well as tribal governments-to-federal agency consultation after plans are submitted (including preparing EPA regional offices for that).

## 5. 9/20 Kick-Off Call – Agenda

Agenda Tribal Data Workgroup  
September 20, 2018 Conference Call  
10:30 to 11:30 AM PDT  
800-768-2983 access code 4918837035

1. Introductions
2. Technical Steering Committee update – Julie
3. Service Agreement with ITEP
  - a. Project description discussion – Mehrdad
  - b. Timing of deliverables
  - c. Contact costs
4. Other

### Follow Up notes:

Hi, Darla, Amanda, Mark – in addition to adding Mehrdad Khatibi from ITEP to the bimonthly OGWG calls, please also add Bill Auberle, Charlie Schlinger, and Mark Daniels from EN3, LLC (copied) to the distribution list. Bill, Charlie, and Mark are part of the ITEP team supporting TDWG workplan tasks.

Thanks.

*Tom Moore, WRAP Air Quality Program Manager  
Western States Air Resources Council (WESTAR) | e: [tmoore@westar.org](mailto:tmoore@westar.org) | o: 970.491.8837  
Western Regional Air Partnership | [www.wrapair2.org](http://www.wrapair2.org)  
Hi, Mehrdad and Farren – connecting you 2.*

Mehrdad is leading the ITEP effort for the Tribal Data WG, see highlighted comment below.

Farren leads the Emissions Inventory and Modeling Protocol Subcommittee. [http://www.wrapair2.org/RHP\\_InvMod.aspx](http://www.wrapair2.org/RHP_InvMod.aspx)

Please see attached SoW for ITEP in support of TDWG.

I will add Mehrdad to the Oct. 25<sup>th</sup> EI&MP call appt.

Thanks to all.

*Tom Moore, WRAP Air Quality Program Manager  
Western States Air Resources Council (WESTAR) | e: [tmoore@westar.org](mailto:tmoore@westar.org) | o: 970.491.8837  
Western Regional Air Partnership | [www.wrapair2.org](http://www.wrapair2.org)*

Hi, Mehrdad, Darla, Amanda, and Mark – connecting you all.

Mehrdad is leading the ITEP effort for the Tribal Data WG.

Darla, Amanda, and Mark co-chair the Oil & Gas WG.

Please see attached SoW for ITEP in support of TDWG.

Please add Mehrdad to the Oct. 9<sup>th</sup> OGWG call appt.

Thanks to all.

*Tom Moore, WRAP Air Quality Program Manager  
Western States Air Resources Council (WESTAR) | e: [tmoore@westar.org](mailto:tmoore@westar.org) | o: 970.491.8837  
Western Regional Air Partnership | [www.wrapair2.org](http://www.wrapair2.org)*

Hi, Emma and all – just wanted to respond to these notes with a few thoughts.

- 1) I agree with the task priorities as listed below.
- 2) For Task 1.3 on the NEI gaps, it would be good for ITEP/EN3 to attend the Emissions Inventory and Modeling Protocol Subcommittee calls, generally held the last Thursday of the month at 1200 PM MDT. Let me know and I can add folks to the call appt.
- 3) For Task 1.4 on the O&G emissions, same thing with the bimonthly OGWG calls, next one is Oct. 9<sup>th</sup> at 1200 PM MDT. Let me know and I will get people added to the appt.
- 4) For the regular TDWG recurring monthly project check-in calls with NAU/EN3, I propose the 3<sup>rd</sup> Thursday of the month at 1000 AM MDT. I will send an appt. to that effect and we can see how it shakes out for everyone.

Thanks to all.

*Tom Moore, WRAP Air Quality Program Manager  
Western States Air Resources Council (WESTAR) | e: [tmoore@westar.org](mailto:tmoore@westar.org) | o: 970.491.8837  
Western Regional Air Partnership | [www.wrapair2.org](http://www.wrapair2.org)*

**From:** Emma Ruppell <[Emma.Ruppell@bishoppaiute.org](mailto:Emma.Ruppell@bishoppaiute.org)>  
**Sent:** Thursday, September 20, 2018 1:43 PM  
**To:** Tom Moore <[tmoore@westar.org](mailto:tmoore@westar.org)>; Kris Ray <[Kris.Ray@colvilletribes.com](mailto:Kris.Ray@colvilletribes.com)>; Julie Simpson <[julies@nezperce.org](mailto:julies@nezperce.org)>; Randall Ashley <[Randall.Ashley@cskt.org](mailto:Randall.Ashley@cskt.org)>; Mel Joseph <[mel.joseph@lppsr.org](mailto:mel.joseph@lppsr.org)>; [jhostler@yuroktribe.nsn.us](mailto:jhostler@yuroktribe.nsn.us); [minnieg@utetribe.com](mailto:minnieg@utetribe.com); Caleb Minthorn <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)>; [shaina.white@itcaonline.com](mailto:shaina.white@itcaonline.com); Frank Spurgeon <[frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)>; [ryan.eberle@gric.nsn.us](mailto:ryan.eberle@gric.nsn.us); Jason Walker <[jswalker@ida.net](mailto:jswalker@ida.net)>; [JMontana@hualapai-nsn.gov](mailto:JMontana@hualapai-nsn.gov); Payne, JamesJ <[payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)>; Karen Shaw <[kshaw@fmyn.org](mailto:kshaw@fmyn.org)>; Mehrdad Khatibi <[Mehrdad.Khatibi@nau.edu](mailto:Mehrdad.Khatibi@nau.edu)>; Bill Auberle <[wauberle@gmail.com](mailto:wauberle@gmail.com)>  
**Cc:** Patricia M Ellsworth <[Patricia.Ellsworth@nau.edu](mailto:Patricia.Ellsworth@nau.edu)>; Christopher J Lee <[Christopher.Lee@nau.edu](mailto:Christopher.Lee@nau.edu)>  
**Subject:** RE: TDWG kickoff call for ITEP support project - signed contract and agenda attached

Hi All,

Thank you if you joined the call. To recap here is a summary of **follow up items** from the call today:

1. Identification of priority subtasks from entire project scope for NAU/EN3: proposed on the call as:
  - 1.1.1, 1.1.3
  - 1.2.1
  - 1.3.1

1.4.1 (pending NAU staff availability)

1.5.1

Please respond if you see a conflict. For those tasks:

2. To get underway with 1.5.1: WRAP/TDWG to provide NAU/EN3 with RHWG consultation subcommittee call schedule info so contracted staff. Can Julie provide this info prior to their next call?
3. WRAP/TDWG to schedule recurring monthly project check-in calls with NAU/EN3. Can Tom identify a potential recurring time slot and provide conference call numbers in the next couple weeks? TDWG co-chair/s can create agenda in response and send out like with did with this call.

For other tasks:

4. In prep for 1.1.4: WRAP/TDWG to provide NAU/EN3 with a list of priority data elements for the WRAP webpage map (google map). TDWG co-chairs and Tom to compose list via separate emails or phone call. Otherwise, respond if you have any feedback to be included. List to be provided to NAU prior to next call, allowing some review time.
5. In prep for 1.6.1: TDWG/WRAP to identify priorities for webinar topics as they correspond with project tasks, from topics suggested. Suggested priorities can be discussed, time-allowing, on next call. Suggestions covered today are: 2 progress report-style webinars on TDWG 2018-19 projects for varied audience, Regional Haze for Tribes, Consultation for Tribes involved with Regional Haze, Tribal Oil & Gas Emissions Inventory, and WRAP tools & data.

Let me know if this doesn't compare well to your call notes.

-----Original Appointment-----

**From:** Tom Moore <[tmoore@westar.org](mailto:tmoore@westar.org)>

**Sent:** Wednesday, September 19, 2018 4:02 AM

**To:** Kris Ray [Kris.Ray@colvilletribes.com](mailto:Kris.Ray@colvilletribes.com); Emma Ruppell; Julie Simpson [julies@nezperce.org](mailto:julies@nezperce.org); Randall Ashley ([Randall.Ashley@cskt.org](mailto:Randall.Ashley@cskt.org)); Mel Joseph ([mel.joseph@lppsr.org](mailto:mel.joseph@lppsr.org)); [jhostler@yuroktribe.nsn.us](mailto:jhostler@yuroktribe.nsn.us); [minnieg@utetribe.com](mailto:minnieg@utetribe.com); Caleb Minthorn <[CalebMinthorn@ctuir.org](mailto:CalebMinthorn@ctuir.org)>; [shaina.white@itcaonline.com](mailto:shaina.white@itcaonline.com); Frank Spurgeon ([frank.spurgeon@lajolla-nsn.gov](mailto:frank.spurgeon@lajolla-nsn.gov)); [ryan.eberle@gric.nsn.us](mailto:ryan.eberle@gric.nsn.us); Jason Walker ([jswalker@ida.net](mailto:jswalker@ida.net)); [JMontana@hualapai-nsn.gov](mailto:JMontana@hualapai-nsn.gov); Payne, JamesJ ([payne.jamesj@epa.gov](mailto:payne.jamesj@epa.gov)); Karen Shaw; Mehrdad Khatibi [Mehrdad.Khatibi@nau.edu](mailto:Mehrdad.Khatibi@nau.edu); Bill Auberle

**Cc:** Patricia M Ellsworth; Christopher J Lee

**Subject:** TDWG kickoff call for ITEP support project - signed contract and agenda attached

**When:** Thursday, September 20, 2018 11:30 AM-12:30 PM (UTC-07:00) Mountain Time (US & Canada).

**Where:** 800-768-2983 access code 4918837035