

AGENDA

Air Quality Health Monitoring Task Force
Meeting
Transportation Council Room, NCTCOG
Friday, February 21, 2020
9:30 a.m. – 11:00 a.m.

Conference Line: 1-800-250-3900

Participant Pin: 442318#

Access Webex via the Following Link:

<https://nctcog.webex.com/nctcog/j.php?MTID=m784e5335a93134498dbc56463457ee41>

1. Welcome and IntroductionsNCTCOG
2. Review/Discuss Draft Work Plan.....All
3. Traffic-Related Air Pollution (TRAP) – Modeling, Monitoring and Health Effects.....Suriya Vallamsundar, CARTEEH
4. Existing Air Quality and Health Data SourcesAll
5. Near-Road Monitoring..... NCTCOG
6. Participant Updates.....All
7. Miscellaneous
 - Requested Discussion Topics/Presentations
 - **Next Meeting:** Friday, May 29 from 9:30 – 11:00 a.m via at NCTCOG offices

AQ Health Monitoring Task Force – Meeting Notes

Friday February 21, 2020

9:30am – 11:00am

Meeting Attendees	
Name	Organization
Kevin Overton	City of Dallas
Katherine Barnett (remote)	City of Denton
JT Douglas (remote)	City of Denton
Emily Asbury	City of Irving
Mendie White (remote attendance)	City of Lewisville
Cynthia Brugge	Town of Fairview
Yarcus Lewis	City of Plano
Stephen Mattingly	UT Arlington
Erin Moore (remote attendance)	Dallas County
Barry Lachman	Parkland Community Health Plan
Dorothy Gilliam	NCTCOG
Lori Clark	NCTCOG
Chris Klaus	NCTCOG
Vivek Thimmavajjhala	NCTCOG
Nicholas Vanhaasen	NCTCOG
Jenny Narvaez	NCTCOG
Kate Zielke	NCTCOG
Abhijit Basu	SmartEx
Eric Stevenson (remote attendance)	SmartEx
Heather Bertero (remote attendance)	DSHS
Suriya Vallamsundar	TTI/CARTEEH
Anthony Williams (remote attendance)	City of Fort Worth
Kathy Jack	The Nature Conservancy
Leslie Allsopp	Asthma 411 Program (UNTHSC)

Discussion

2020 Draft Plan Overview:

- A goal of this Task Force is to convene a group of stakeholders to work together and facilitate peer exchange to determine action steps appropriate to take at a regional level or that communities can adopt amongst each other.
- It was noted that the objective of this Task Force shouldn't be limited to just transportation-related air pollution, but should encompass the health impacts of air pollution on a broader scale.
- The City of Dallas Southside wastewater treatment plant will gain an AQ monitor (near Joppa neighborhood). It is currently not online but will be a federally regulated monitor available on the TCEQ website. Not a real time monitor there could be a lag on the data - data analysis takes time and the data must be quality controlled

- Datasets are available from the Parkland Community Health Plan related to ambient air pollution exposure and the correlated health impacts.
- The Task Force will continue to identify items that are a co-benefit with this project/effort (i.e. clean vehicle technologies) however we want to highlight items that aren't already on our radar
- There was interest in bringing discussion of what NCTCOG is doing regarding electric vehicle (EV) data into a future meeting.
- With the number of variables at play, it may prove challenging to harmonize air quality data to health data when attempting to attribute the amount of exposure a person is receiving to air quality monitoring results. It may be beneficial to look at hyperlocal monitoring results when attributing exposure levels.
- Is there a way for the Task Force to think outside of the box and develop a warning system for the general public when hyperlocal pollution levels are elevated?
- Currently, NCTCOG sends out regional alerts for unhealthy levels of both Ozone and Particulate Matter (PM) via the **Air North Texas Campaign** (see link below).
- During this meeting discussion occurred over the need and importance for strategic and carefully thought out communication methods to engage and educate the region on air quality and health issues.
 - NCTCOG agrees communication is very important, but notes that the first step is to identify what we are trying to communicate.
 - Stakeholders may wish to become familiar with the **Air North Texas Campaign**, which has been in place for several years to communicate ozone information: www.airnorthtexas.org

Traffic-Related Air Pollution (TRAP) – Modeling, Monitoring and Health Effects

Suriya Vallamsundar

- Focus on environmental preservation and capturing the transportation impact on health and the environment
- Maternal exposure to TRAP study
 - Collected data from a group of women in their third trimester down in Hidalgo County
 - PM 2.5 and black carbon were measured
 - Huge spike in concentration levels during cooking times
 - There was a lack of speciation because the monitors in the study did not get source apportionment
 - Vehicle mix was taken into account during the analysis and TTI plans to present those results at a later date
- This presentation sparked much interest from Task Force members and follow-up questions were invited upon conclusion of the presentation.

Other

- NCTCOG staff did not present the “Near-Road Monitoring” agenda item that was scheduled however, staff will bring the item to a future meeting.

Next Steps and Action Items

NCTCOG will:

- Finalize 2020 Work Plan
- Continue to invite additional relevant stakeholders to Task Force Meetings

- Add currently available datasets to the following tables and create a working list of data to present at future Task Force meetings

All attendees

- Please help add additional relevant, currently available datasets to the table below:

Currently Available Data Sources				
Name of Data/Dataset	Type of Data (i.e. health, academic, local govt., environmental, equity)	Source	Data Restrictions (if applicable)	Access/Link to Data

- Below is a table for any potential new datasets that might not currently exist but are of interest, please fill in as necessary:

Potential New Data Sources	
Name of Data/Dataset	Type of Data (i.e. health, academic, local govt., environmental, equity)

- Mark your calendars for the next meeting date:
Date: Friday, May 29
Time: 9:30 – 11:30 a.m.
Location: Online (Webex)
- Any topics you would like to discuss in future meetings **add to the list below!**
 - Data/source analysis of historic regional AQ spikes with data from Parkland Community Health Plan
 - AQ monitor cybersecurity protocol