

Air Working Group
Meeting Notes from November 18, 2009

Attendees: Francis X. Lilly, John Janson, Linda Hanson, Reed Soper, Kathy VanDame, Bryce Bird, Michelle Hofmann, Cameron Cova, William McDonnell, Mick Crandall, John Thomas

1. Goals of the AWG – All

The group engaged in a brainstorming session for about 45 minutes to articulate the goals of the AWG. The following brief summary by no means represents all of the goals identified or the yet to be agreed upon goals of the AWG, just an initial, incomplete sense of the goals.

Generally, the AWG identified that the primary goals are around improving air quality for children and building a base of knowledge and expertise to understand how roadways impact air quality/health/quality of life and how best to mitigate those impacts in the future.

A complete listing of the goals will be documented (thanks Francis!) and presented back to the AWG to discuss further and refine over the next couple of meetings.

2. Mobile Source Air Toxins (MSAT's): What are they? – Michelle

With a very informative presentation, Michelle provided her findings of her research into MSAT's. Michelle explained to the AWG the various MSAT's that are of concern, how they impact health and different measuring techniques that are available. Michelle indicated that ultra fine particles (around 0.1 microns in size) could have a significant health impact and likely sources are primarily diesel engines with contributions from gasoline combustion. Michelle also explained that monitoring shows that the ultra fine particles dissipate to ambient, background levels between 50 and 300 meters from the source, depending on wind conditions and other atmospheric conditions. There is initial thought and preliminary indications that ultra fine particles could be an important consideration for the AWG.

3. Las Vegas techniques and lessons learned – Marc

Moved to December 1 meeting.

4. Technical Advisory Committee – Cameron

Cameron provided background of the potential benefit to the AWG of having a Technical Advisory Committee (TAC) participate with the AWG. Those benefits include technical expertise, monitoring capacity and effective use of resources.

Cameron provided the AWG with a handout listing several individuals who would be good candidates for the TAC.

There was discussion if the TAC should meet with the AWG or meet separately and provide recommendations to the AWG.

There was some discussion of needing an air filtration expert to assist the AWG.

5. Web site update - Reed

Reed provided an overview of the status of the Mountain View website and made the recommendation that instead of using the Mountain View website, consider using the UDOT website in the Air Quality section. The AWG reviewed the UDOT site and concurred that use of the UDOT site would be appropriate to have agendas, meeting minutes, resource links and other information located there.

Next meeting:

Tuesday, December 1, 2009

3:00 – 5:00

Southern Pacific room, UTA offices