

**Wasatch Front Regional Council
Air Quality Committee
Meeting Summary – October 21, 2010**

Attending:

Committee Members

Mayor Ralph Becker, SLC
Andrew Gruber, WFRC
Ahmad Jaber, UDOT
Jerry Benson, UTA
Bryce Bird (*for Cheryl Heying*), DAQ
Kip Billings, WFRC
Mayor JoAnn Seghini, Midvale
Commissioner Jan Zogmaister, Weber Co.
Councilman Carlton Christensen (*alternate*)

Absent:

Commissioner John Petroff, Davis Co.

Others

Wayne Bennion, WFRC
Vicki Bennett, SLC
Susan Hardy, MAG
Elden Bingham, UDOT
Kate Lilja, SLC
Ned Hacker, WFRC
Doug Hattery, WFRC
Sam Klemm, WFRC
Debbie Sigman, Breathe Utah
Chris Chestnut, UTA
Chad Mullins, SLCo Bicycle Advisory Committee
Holly Hilton, SLC Mayor's Office

Summary

Welcome - Mayor Becker, Salt Lake City, welcomed the group and everyone introduced themselves.

Review Proactive Air Quality Strategies Draft – A copy of the latest draft of the transportation related air quality improvement strategies developed by the working group was distributed. Mayor Becker led a discussion of the document and a number of changes were suggested. An additional evaluation category was added to define the “End User Impact” as positive, negative, or neutral. Several other refinements and clarifications were made to the draft matrix resulting in the final draft now dated December 22, 2010. A copy of this latest draft is included at the end of this summary.

Mayor Becker noted that there is not a single “silver bullet” strategy that can correct all air quality concerns. He pointed out that strategies involving behavior changes tend to have the best cost to benefit ratios. He also pointed out the high air quality benefit potential of signal coordination. Other conclusions from Mayor Becker were the high potential emission reductions from transit projects, but a correspondingly high implementation cost. Likewise, increasing the cost of automobile driving has the potential for large reductions in emissions but this strategy would be difficult to implement. Land use strategies also have large emission reduction potential but the time frame to realize these benefits is long term.

Mayor Becker requested that a survey of the Air Quality Committee and the entire Wasatch Front Council be conducted to determine the top priority strategies. The survey should consider strategies with the highest air quality benefits and the timeframe in which the strategies could be implemented.

2011 Air Quality Committee Schedule – A draft schedule for 2011 AQC meetings was distributed to the committee. There was not time to discuss the proposed schedule. A copy of the 2011 proposed

schedule and possible discussion is included below. This will be presented to the committee for approval at the January 20, 2011 meeting.

Next AQC Meeting – January 20th, 2011. Mayor Becker will not be available that day.

Air Quality Improvements: Proactive Transportation Related Strategies
Wasatch Front Regional Council Air Quality Committee

12/22/2010

Transportation Related Strategy - Description	Parties Primarily Responsible for Implementation	Relative AQ Benefit Low, Medium, High	Timing Immediate, Ongoing 1-2 years 3-10 years	Relative Implementation Cost 0 (or Existing \$) \$, \$\$, \$\$\$	Implementation Challenges (Political & Technical) Easy, Moderate, Hard	End User Impacts Positive, Neutral, Negative	Comments
1 - Operational							
a. Signal Coordination - double current efforts/transit priority	UDOT/Municipal	H	3-10 yrs	\$\$	Moderate	Positive	Incremental benefits.
b. Dynamic Speed Control ("go slow to go fast") - target two freeway projects	UDOT	M	1-2 yrs	\$\$	Easy	Positive	Benefits peak traffic only.
c. Park and Ride - implement UTA's current plans	UTA/UDOT/Municipal	M	3-10 yrs	\$\$	Moderate	Positive	Could expand to private lots.
d. HOV/HOT lanes - opportunities for expansion	UDOT	M	3-10 yrs	\$\$\$	Hard	Positive	Benefits peak traffic only.
e. Paved Shoulders - open to buses/general traffic during peak periods	UDOT	L	1-2 yrs	\$\$	Moderate	Positive	Limited opportunities.
2 - Behavioral Changes							
a. Teleworking/Video-Teleconferencing	Employers	M	Immediate	0	Moderate	Positive	Participation rate determines benefits
b. Flextime	Employers	M	Immediate	0	Easy/Mod.	Positive	Participation rate determines benefits
c. Public Education Campaigns (e.g., driving habits, trip chaining, idle reduction, jackrabbit starts, Clear the Air Challenge)	Shared	M	Immediate	\$	Easy	Positive	Participation rate determines benefits
d. Drivers Ed Curriculum (e.g., driving habits, Malfunction Indicator Light)	State	M	1-2 yrs	\$	Moderate	Positive	Participation rate determines benefits
e. Red/Yellow Air Quality Alerts	State (DAQ)	M	Immediate	\$	Moderate	Positive	Participation rate determines benefits
3 - Alternative Transportation Modes							
a. Increase Transit Utilization - Level of Service	UTA	H	1-2 Yrs	\$\$\$	Hard	Positive	
b. Increase Transit Utilization - Infrastructure	UTA	H	3-10 Yrs	\$\$\$	Hard	Positive	
c. Increase Ridesharing (vanpools, carpools, car sharing)	UTA	M	1-2 yrs	\$\$	Moderate	Positive	Rideshare reduces CO2 by 84% vs. SOV.
d. Pedestrian & Bicycle Network Development	Shared	M	3-10 yrs	\$\$	Moderate	Positive	Long-term urban design; health benefits; incremental benefits.
e. Increase Transit Utilization - Fare Structure	UTA	L	Immediate	\$	Easy	Positive	
4 - Financial Mechanisms							
a. Increase Driving Cost, eg, parking fees, fuel tax, reg. fees, HOT fees, user fees	Legislature/UDOT/Cities	H	1-2 yrs	0	Hard	Negative	Incremental benefits & impacts
b. Diesel Retrofit - leverage federal funds	DAQ/Shared	H	Immediate	\$\$\$	Moderate	Neutral	
c. Alternate Fuel Vehicle - tax incentives	State	L	3-10 Yrs	\$\$\$	Moderate	Positive	Incremental benefits
d. Scrappage Program - pre-1996 personal vehicles; heavy duty trucks & equip.	State	L	1-2 yrs	\$\$\$	Hard	Neutral	Potential fraud, hard to administer
5 - Land Use Development							
a. Sustainable/Transit Oriented Development	Shared	H	3-10 Yrs	\$\$\$	Hard	Positive	Long-term urban design
b. Land Use Management (e.g. zoning, urban containment, incentive based development, walkable communities, infill, redevelopment)	Municipal/Shared	H	3-10+ yrs	\$\$\$	Hard	Positive	Long term infrastructure savings.
6 - Vehicle Efficiency & Technology							
Vehicle Emission Testing - expand to Cache, Box Elder, Tooele; include diesel							
a. passenger cars	DAQ/Counties	M	3-10 Yrs	\$	Moderate	Negative	
b. Improved Car and Truck Emission Technology - clean car emission standards	State	M	3-10 Yrs	\$	Hard	Negative	Marginally increase cost to consumer.
c. Truck Stop Electrification	State/Fuel Industry	M	3-10 Yrs	\$\$	Moderate	Neutral	Localized benefits from reduced idling.
d. Commercial Fleet Upgrades - Alternative Fuels	State/Fleet Operators	M	Immediate	\$\$\$	Moderate	Neutral	Grant and loan programs in place to assist with cost
e. Improved transit bus emission technology	UTA	L	Immediate	\$\$	Moderate	Neutral	UTA's bus replacement plan will reduce emissions of NOx and PM 80% by 2015.
f. Stage II vapor recovery	State/DAQ	L	3-10 Yrs	\$\$\$	Hard	Negative	On-board vapor recovery required since 2000

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2011 WFRC Air Quality Committee (AQC) SCHEDULE

Month	Air Quality Committee
January	Air Quality Committee Meeting: January 20 @ 11:00 a.m.
March	Air Quality Committee Meeting: March 17 @ 11:00 a.m.
May	Air Quality Committee Meeting: May 19 @ 11:00 a.m.
August	Air Quality Committee Meeting: August 18 @ 11:00 a.m.
October	Air Quality Committee Meeting: October 20 @ 11:00 a.m.

WFRC Air Quality Committee Proposed Schedule and Agenda for 2011

It is proposed that the WFRC Air Quality Committee meet at the WFRC office from 11:00 AM – noon on the 3rd Thursday of select months in coordination with the WFRC Regional Growth Committee. The DRAFT schedule and possible agenda items for 2011 are as follows:

Jan 20

- PM2.5 SIP Update
- EPA Proposed SIP Call
- Survey of Air Quality Strategies and Priorities

Mar 17

- 2040 Regional Transportation Plan Conformity - DRAFT

May 19

- AQ Scorecard (PM & CO)
- PM2.5 SIP Update
- 2017 TIP Conformity - DRAFT

Aug 18

- PM2.5 SIP Update
- Ozone non-attainment Designations

Oct 20

- AQ Scorecard (Ozone)
- 2040 RTP Conformity - FINAL