

**MINUTES OF THE  
AIR QUALITY POLICY ADVISORY BOARD  
Tuesday, January 9, 2018 – 5:00 p.m. – Centennial Room – Capitol Building**

**Members Present:**

Sen. Luz Escamilla  
Sen. Todd Weiler  
Rep. Carl R. Albrecht  
Rep. Timothy D. Hawkes  
Rep. Angela Romero

Mr. Todd R. Bingham  
Ms. Kerry E. Kelly  
Ms. Ashley Miller  
Mr. Bryce Bird

**Staff Present:**

Mr. David McNeill, Div. of Air Quality  
Mr. Mark Berger, Div. of Air Quality

Mr. Glade Sowards, Div. of Air Quality  
Ms. Melissa Yazhe, Div. of Air Quality.

**Note:** A copy of related materials and an audio recording of the meeting can be found at [www.utah.gov/pmn/index.html](http://www.utah.gov/pmn/index.html)  
Time stamps relate to location on audio recording are posted on the Utah Public Notice Website.

**1. Welcome and Dinner**

00:06 Dr. Kelly called the meeting to order.

**2. 00:20 Review and Approval of Minutes for the December 14, 2017, meeting.**

00:24 **MOTION:** Sen. Weiler motioned to approve the minutes. The motion passed with a vote of 8-0-2.

Yeas – 8

Nays – 0

Abs – 2

Sen. Todd Weiler  
Rep. Carl R. Albrecht  
Rep. Timothy D. Hawkes  
Rep. Angela Romero  
Mr. Todd R. Bingham  
Ms. Kerry E. Kelly  
Ms. Ashley Miller  
Mr. Bryce Bird

Sen. Luz Escamilla  
Mr. Jeremy Andrus

**3. 00:43 Scheduling Next Meeting**

An electronic poll for the next meeting and tentative meetings during the legislative session will be sent out and amended as needed.

**4. 02:07 Rep. Stephen G. Handy – Freight Switchers**

02:12 Rep. Handy presented information on a freight switcher emissions mitigation bill that he is sponsoring. As a result of the working group for the Volkswagen settlement, several emissions reductions ideas were discussed one of which is this bill for reducing switcher locomotive emissions in Utah. Approximately 60 freight switcher locomotive operate in Utah's seven PM<sub>2.5</sub>

nonattainment counties, 49 of which are operated by Union Pacific. The primary emissions reduction pathway for switcher locomotives is retrofitting or replacing older locomotives to meet higher federal emissions standards. Freight switcher locomotives emitted approximately 400 tons of NO<sub>x</sub> for the entire fleet. This bill is asking for a \$2 million appropriation to run this pilot program for freight switcher emissions mitigation.

**5. 22:11 Rep. Patrice M. Arent – Diesel Emission Testing**

24:20 Rep. Arent presented background information on a bill for diesel emissions testing. Currently there are five counties in nonattainment and four of those counties have adopted a diesel emissions testing program. Utah County is the only county in a nonattainment area that does not have such a program, and with this bill, all counties in nonattainment areas would have diesel emissions testing. She is in the process of working with local governments in Utah County to educate them about this bill.

27:43 Jessica Reimer of HEAL Utah was introduced and presented statistical information, focusing mainly on Utah County numbers, regarding emission problems in terms of both PM<sub>2.5</sub> and NO<sub>x</sub> and why it's important to test diesel light-duty vehicles. She gave a brief outline listing exemptions and that implementation would only require an upgrade to existing software at facilities that currently test gasoline vehicles.

35:20 Dr. Tom Metcalf, a Salt Lake pediatrician, spoke on the effects of diesel emissions exposure on children who are at greater risk because ongoing lung development makes them more vulnerable.

**6. 52:45 Rep. Angela Romero – Motor Vehicle Emissions**

53:38 Rep. Romero introduced a draft amendment to a previous bill on illegal tampering of diesel engines. The fines in the original bill apply to both gasoline and diesel vehicles. This bill would make the distinction of separating between gasoline vehicles and diesel vehicles and increase the fines for diesel vehicle tampering. In addition, with a second offense, law enforcement would send notification to the county health department of the county where the violation occurred. Allowing law enforcement to ticket a violator would provide a strong line of evidence for the DMV. In addition, Salt Lake County will create a statewide telephone number for reporting violators and would forward that information to the local county health department where the violation occurred.

**7. 1:04:23 Sen. Luz Escamilla and Rep. Angela Romero – TRAX**

1:04:57 Sen. Escamilla introduced an appropriation request for \$100,000 of ongoing funding for air quality research data collection in the Salt Lake Valley through a project with UTA. This project is a valuable piece of information which benefits the public on current health risks based on collected scientific data. The research is changing how data is being gathered. We want to make sure this data is available to everyone, because a long-term term collection of data is important and could also be used as evidence for future policies.

1:10:30 Dr. Daniel Mendoza and Erik Crosman, from the University of Utah, presented information about a 3-year pilot project focusing on air quality monitoring research. Monitors were mounted on TRAX cars and have been collecting air quality data across the Salt Lake Valley for three years. As TRAX cars travel across the valley, monitors measure pollutants such as ozone, particulates, dust, and greenhouse gases. The data is then used to help study factors like

pollution patterns and hotspots. With ongoing state funding, it would allow for researchers to analyze the data, do quality control, create a web-based interface for the data, and for equipment maintenance.

**8. 1:44:55 Rep. Steve Eliason – ZEVs**

1:45:09 Rep. Hawkes explained that this bill is not tied to a fiscal note, but would mandate that auto manufactures supply zero emissions vehicles to Utah.

1:47:29 Andrea Himoff of ActionUtah.org presented background information on a current zero emissions program. With this bill, affected auto manufacturers would need to send a certain portion of their total sales of hybrid vehicles or electric vehicles to Utah. This will allow Utah consumers and fleets to have access to these vehicles without having to go out of state. Currently, there are 10 states participating in the program. If Utah adopts such a mandate, auto manufacturers have a couple of options. To either produce the vehicles and send them to Utah, or to purchase credits for hybrids or zero emissions vehicles.

**9. 1:58:07 Informational Items**

1:58:30 Mr. Bird gave a brief status update on state refineries' production of tier 3 fuels.

**10. 2:07:30 Adjourn**

Motion was made and approved to adjourn.

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Minutes approved: February 1, 2018