COMMONWEALTH OF PENNSYLVANIA HOUSE OF REPRESENTATIVES TRANSPORTATION COMMITTEE HEARING

IRVIS OFFICE BUILDING
ROOM G50
HARRISBURG, PENNSYLVANIA

THURSDAY, APRIL 10, 2008 9:30 A.M.

BEFORE:

HONORABLE JOSEPH MARKOSEK, MAJORITY CHAIRMAN

HONORABLE RICHARD GEIST, MINORITY CHAIRMAN

HONORABLE MICHAEL GERBER

HONORABLE MARK LONGIETTI

HONORABLE JOHN SABATINA

HONORABLE JOHN EVANS

HONORABLE DICK HESS

HONORABLE DAVID HICKERNELL

HONORABLE MARK KELLER

HONORABLE RON MILLER

HONORABLE JEFFREY PYLE

HONORABLE DAN MOUL

1	ALSO PRESENT:		
2	STACIA A. RITTER, ESQUIRE, MAJORITY EXECUTIVE DIRECTOR ERIC BUGAILE, MINORITY EXECUTIVE DIRECTOR		
3	AMANDA WOLFE, LEGISLATIVE ASSISTANT		
4	TRACY L. MARKLE, COURT REPORTER/NOTARY PUBLIC		
5	COURT REPORTER/NOTART PUBLIC		
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CHAIRMAN MARKOSEK: Okay. Good morning.

The Transportation Committee Hearing will now come into session, and we have a member of the House who is not on the Committee but is very interested in this Bill and in large part affects his district.

So to start the meeting, I would ask that we all stand for the pledge of allegiance and have Representative Gabig lead us.

(Pledge of Allegiance.)

CHAIRMAN MARKOSEK: Okay. Thank you. We also have joining Representative Gabig at the front table here, Lesley Crozier, who is the staff person for Senator Pat Browne who is the prime sponsor of Senate Bill 295. Representative Gabig also has a similar bill in the House. And I would ask at this time for brief remarks first from Representative Gabig and then from Miss Crozier.

Thank you. Representative Gabig, you may proceed.

REPRESENTATIVE GABIG: Good morning,
Mr. Chairman and Committee. I'm pleased that the
Committee is taking up this Bill SB 295, and I would
like to thank personally Chairman Markosek and Chairman
Geist and their staff for the courtesy of inviting me

here to testify here today and for recognizing the serious issue and moving forward with the hearing.

Excessive truck idling is an issue I have been involved with for quite some time. I've introduced legislation, as the Chairman just mentioned, in last session and reintroduced it this session. Senator Browne, great minds think alike, introduced a bill I think a month before I did over on the Senate side and it has moved over here for consideration this term.

Reports have shown that excessive idling is detrimental to -- when I say great minds think alike, to half-whits equal a whole-wit, too, so, I mean, you get your choice here. Reports have shown that excessive idling is detrimental to air quality in Pennsylvania and represents a serious threat to the health and well-being of citizens, especially residents of my district who live in one of the Nation's largest trucking hubs.

My own district in Carlisle exits from

Interstate 81 and the Pennsylvania Turnpike are less
than one mile apart. The road connecting these two
highways, US Route 11, has been nicknamed the Miracle
Mile. The old joke was that getting through it required
a miracle, and the new joke would be you get a ticket
going through there at Middlesex.

PennDOT estimates that 6,000 to 7,000

trucks travel that section of road each day. Eighty percent of America's population is within a two-day drive of Carlisle. It has been estimated that approximately 3,000 long-haul truck loads start their journey each day in Cumberland County and another 3,000 end their trip there. Approximately 60,000 commercial loads pass through each day.

2.0

The truck traffic through Carlisle and Cumberland County carries goods accounting for about one-twelfth of the Nation's \$12.5 trillion gross domestic product, so this gives you a brief snapshot of the relationship of the trucking industry in the Carlisle community.

The Pennsylvania Department of Environmental Protection studies have concluded that Cumberland County experiences the highest number of long-duration idling hours in the Commonwealth. Drivers frequently allow their vehicles to idle in order to operate air conditioners or heaters to operate on-board auxiliary such as televisions or microwaves or to maintain engine warmth during cold weather and for other reasons.

Mr. Chairman, more than 1.2 billion gallons of diesel fuel are consumed annually due to idling, assuming a fuel cost of \$4 per gallon, which by today's standards is even low. The cost to the trucking

industry for this fuel consumption is \$4.8 billion dollars annually. Moreover, as a result of this idling, 11 million tons of carbon dioxide, 200,000 tons of nitrogen oxide and 5,000 tons of particulate matter enter the air each year.

The United States Environmental Protection
Agency has classified the Carlisle/Harrisburg region as
a non-attainment region with respect to the Federal Air
Quality Standards. Specifically, our area was ranked
the 14th worst region in the Nation for fine particulate
air pollution. Moreover, the American Lung Association
has ranked the Carlisle/Harrisburg region and nine other
metropolitan areas in Pennsylvania among the 40 worst
areas in the Nation for air quality.

Mr. Chairman, I, like Senator Browne, introduced legislation last session and again this one to deal with this issue by restricting commercial vehicles from idling for an extended period in a location where commercial vehicles load, unload or park. Both House and Senate legislation would prohibit drivers of commercial vehicles from allowing their vehicle to idle for more than five minutes in any 60-minute period. Additionally, both proposed bills establish idling restrictions for commercial vehicles when the outside temperature is less than 40 degrees Fahrenheit, and I

think mine is 80 degrees Fahrenheit, and Senator
Browne's is 75 degrees Fahrenheit but, you know, a range
of temperatures. Moreover, I have twice introduced -on a separate matter -- this is obviously a serious
issue for the Commonwealth and my district and this is
an important piece of legislation which I think you're
going to hear from others will be helpful. It's not
going to do the whole thing. And I'll just mention that
I've introduced legislation to have a tax credit to put
converters on pre-2007 vehicles so that they can get up
to 2007 standards. That's in the Finance Committee, so
I won't burden you with testimony on that.

2.0

I firmly believe the provisions of the Bill before you are a win win for Pennsylvania. This legislation serves the dual purpose of protecting our environment and supporting the economic health of an industry that is of paramount importance to the Commonwealth of Pennsylvania; and for that reason, I strongly support the approval of Senator Browne's SB 295.

Thank you, Mr. Chairman.

CHAIRMAN MARKOSEK: Thank you,

Representative. Miss Crozier, if you'd like to make some comments representing Senator Pat Browne here this morning.

MS. CROZIER: Thank you. Good morning,
Chairman Markosek, Chairman Geist, members of the House
Transportation Committee. Thank you for giving me the
opportunity to speak for a few moments on behalf of
Senator Browne.

2.0

As you know, the Commonwealth does not have regulations regarding diesel emissions and idling times. However, there are pending regulations by the Department of Environmental Protection right now. Several months ago, Senator Browne was contacted by a group of individuals in his district that live directly across the street from a truck stop. These residents have to deal with idling of trucks and the air pollution associated with these trucks on a regular basis.

Since that time, our office has worked in conjunction with the School Bus Association, Motor Trucks Association, Motor Coach Association, the Department of Environmental Protection and others to craft this legislation.

Senate Bill 295 creates the Diesel-Powered

Commercial Motor Vehicle Idling Act. This legislation

would prohibit an operator of a commercial motor vehicle

from allowing a diesel engine to idle more than 5

minutes in a 60-minute period. This new law would not

apply to a diesel-powered commercial motor vehicle that

has a model year 2007 or newer and has the California
Air Resources Board or CARB label which shows that the
engine meets the optional NOx Idling Emissions
Standards. Violations of this act are considered a
summary offense and carry a fine payable to the Clean
Air Fund through DEP ranging from 50 to \$150.

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The legislation also preempts local ordinances relating to idling. A local ordinance or rule that has been adopted by a county of the first or second class shall remain in effect if it was in effect prior to January 1, 2007 and is more restrictive than this Act. The Act also outlines certain exemptions to the 5-minute idling restrictions; for example, a vehicle may idle if a primary propulsion engine is necessary to power work-related, mechanical, safety or electrical operations other than propulsion. A passenger bus may idle to provide heating or air conditioning when passengers are on board for no more than 15 minutes in a 60-minute period. If the temperature is less than 40 degrees or greater than 75 degrees, a vehicle with a sleeper berth may idle in a legally permitted area to park, such as a fleet truck terminal, commercial truck stop or designated rest stop. This exemption, however, will expire May 1st, 2010 and is not applicable if the vehicle is parked at a location with a stationary idle

reduction technology.

2.0

In closing, Senator Browne feels that it's time that the Commonwealth enact legislation to regulate these vehicles so residents are not exposed to the harmful air pollution and noise from these idling trucks as well as reap the benefits of saving fossil fuels and making Pennsylvania less energy dependent.

Thank you

CHAIRMAN MARKOSEK: Okay. Thank you very much. We appreciate both of you, and you're certainly welcome to stay. Is there a question? Is there a question?

REPRESENTATIVE PYLE: Yeah.

CHAIRMAN MARKOSEK: Representative Pyle.

REPRESENTATIVE PYLE: Thank you. You identified areas in which trucks are going to be allowed to idle overnight given the certain weather conditions, but I didn't hear you mention private property, a truck yard --

MS. CROZIER: That's not specifically outlined.

REPRESENTATIVE PYLE: So, I guess, like
Roadway, or in my area Perfetti, that have considerable
truck terminals, will they be allowed to leave their
trucks idle overnight?

REPRESENTATIVE GABIG: If I could make a brief comment. You're going to hear from members of the industry here, and most of those companies you will find they like this approach to the bill. They don't want idling. It costs them a lot of money to idle, so they don't want their trucks idling. They have places where they have provided for their drivers to go sleep overnight, showers, sort of a barracks type situation or a dormitory, I guess, situation; so the industry understands the cost of doing business of excessive idling. Excessive idling is what this is addressed to. So you'll hear, Representative Pyle, from those companies that I think are going to be supportive of this Bill.

One of the issues that I didn't mention, the industry wants some uniformity in this. The way this came to me, they wanted me to support a local ordinance, because there's one in Philly and there's one in Allegheny County. And I said if we start 2600 different ordinances regarding this, that my become too burdensome for the industry and so we're looking for a statewide standard so as the trucks are traveling through the Commonwealth they know what they need to comply with. But you'll hear from other testifiers to more specifically answer your question, Mr. Pyle.

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                REPRESENTATIVE PYLE:
                                       Thank you.
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                CHAIRMAN MARKOSEK: Representative Miller.
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                REPRESENTATIVE MILLER: Representative, I
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    just heard what you said about trying to have,
    basically, preemption for the whole State, we have one
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    rule. But your testimony was that we would allow those
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    that are stricter to continue to maintain stricter?
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                MS. CROZIER: Only if they're more strict
    than the legislation. If there's a local ordinance and
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    it is less restrictive, that does not apply; so there
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    can be some variation.
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                REPRESENTATIVE MILLER: But under the
    Senator's Bill, we could have a hundred different
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    regulations across the State?
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                MS. CROZIER: It would have to be in effect
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    by January 1st, 2007. If it wasn't in effect by January
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    1st, 2007, they can't create one now.
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                REPRESENTATIVE MILLER: And there are how
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    many now?
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                MS. CROZIER: I believe there's two, one in
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    Allegheny County and one in Philadelphia.
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                REPRESENTATIVE GABIG:
                                       The preemption
    section is Section 8. I was just looking at that before
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    we started on the Senator's Bill, and it sort of
    grandfathers in, if you will, Philadelphia and Allegheny
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    Counties. I think that's something the Committee should
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    look at, to be honest with you, to see. But in Section
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    8, it sort of grandfathers in those two counties.
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                MS. CROZIER: I believe there were some
    concerns that if we -- they've already had their
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    ordinances in place, and if we took them out there would
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    be some issues with that, so that's why we grandfathered
    them in.
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                REPRESENTATIVE MILLER:
                                        And are their
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    ordinances stricter than what is being proposed now?
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                MS. CROZIER: I'm not sure completely.
                REPRESENTATIVE GABIG: There's someone, I
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    know, here from Allegheny County --
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                REPRESENTATIVE MILLER: Okay. Maybe we'll
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    hear that later.
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                REPRESENTATIVE GABIG: -- and I think
    they're going to testify. I was asking that question,
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          It's a good question to compare and contrast the
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    two. But, basically, 2007 EPA put in new guidelines for
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    2007 engines and that's the idea, is to get up -- in
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    2010 they said you're going to be able to drink water
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    out of them at that time. But the older existing --
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    these diesel engines last a long, long time and that's
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    what we're trying to address.
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                REPRESENTATIVE MILLER:
                                         Okay.
                                                Thank you.
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    Thank you, Mr. Chairman.
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                CHAIRMAN MARKOSEK: Representative John
    Sabatina.
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                REPRESENTATIVE SABATINA:
                                          Thank you, Mr.
    Chairman. Just to be perfectly clear, are you saying
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    your Bill would not, I guess, affect Allegheny and
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    Philadelphia Counties? Is that what you're saying?
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                MS. CROZIER: To the extent, if their
    ordinance is more restrictive than the --
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                REPRESENTATIVE SABATINA: But we don't know
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    at this point if it's more or less restrictive?
                MS. CROZIER: I think there are some
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    components that probably are more restrictive.
                                                     There
    are possibly components of that that are not as
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    restrictive. If it's a lesser standard than the
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    legislation, they have to follow the legislation.
                                                        Ιf
    it's a greater standard than the legislation, then
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    they're okay to enact that greater standard.
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                REPRESENTATIVE SABATINA:
                                         Okay. You
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    answered my question without really answering it, and
    not through any fault of your own; but I still don't
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    know how it affects Philadelphia or Allegheny County.
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                MS. CROZIER:
                              Right.
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                REPRESENTATIVE SABATINA: Okay.
                                                  Thank you.
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                CHAIRMAN MARKOSEK: Okay.
                                           Thank you.
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think some of this information will be available here as 1 2 we move along, but I want to thank both Representative Gabig and Ms. Crozier for your testimony this morning. 3 4 You're welcome to stay. Representative Gabig, you're welcome to join us up here. We have another one of the 5 -- Representative Moul, a Transportation wannabe member. 6 7 We allow him the courtesy to sit up here with us, so you're welcome to do that. 8 We also dispensed with a formal rule this 10 morning, because members are coming in and out and there are no votes today. However, the staff is taking roll. 11 12 And I was also remiss in not allowing my colleague, 13 Representative Geist, to make opening remarks. So, Representative, I apologize. And he suggested we just 14 roll along here. 15 16 The next person we have to testify is 17 Mr. Thomas Fidler, Deputy Secretary for Waste, Air and 18 Radiation Management, Pennsylvania Department of 19 Environmental Protection. Mr. Fidler, welcome. You and I have not had 2.0

Mr. Fidler, welcome. You and I have not had a chance to formally meet, so we'll meet in public here; so my pleasure. And you may start your testimony at your convenience.

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MR. FIDLER: Thank you very much, Chairman Markosek. It's a pleasure to be here. Chairman Geist.

Good morning, members of the Committee. It's a pleasure to be with you today to comment on SB 295. My name is Thomas Fidler. I am the Deputy Secretary in charge of the Commonwealth's Air Quality, Waste Management and Radiation Protection Programs and anti-idling requirements are part of my area of concern.

2.0

Here today to speak with you and discuss SB 295, commonly known as the Diesel-Powered Commercial Motor Vehicle Idling Act. First of all, I'd like to say that DEP fully supports the concept of a statewide program to restrict the idling of diesel-powered vehicles; however, we do have some concerns with some provisions within SB 295 and I'd like to outline those for you today.

As you're aware, and I think has been mentioned already, the Environmental Quality Board is currently proposing a regulation under the Air Pollution Control Act that would also restrict unnecessary idling of diesel-powered vehicles and establish enforcement mechanisms and fines and a structure to ensure proper compliance.

SB 295 does similar things. It also restricts unnecessary idling, does also establish a framework for ensuring compliance; but there are some very key differences that I'd like to point out. First

of all, we believe that the compliance responsibilities that we specify and have developed within the proposed rule now before the EQB has a farther reach than specified within SB 295. We also believe that the opportunity to assess civil penalties in some cases may be in fact a very valuable tool in ensuring compliance with anti-idling requirements that is currently not a part of SB 295. And further, we believe that the fine structure needs to be substantially increased really to be compliant and consistent, I should say, with what seems to be in place currently within local jurisdictions already in the Commonwealth and neighboring states.

What I'd like to do is just take a few moments and talk about the health effects of diesel emissions. Diesel emissions have been extensively studied and found to have significant adverse health effects on humans, particularly children and older adults. Basically, diesel emissions are comprised of a combination of very fine particulate matter and vapors that are hazardous in nature. Some of the compounds within diesel exhaust fumes have been found to have carcinogenic effects upon humans. And the particulate matter is particularly troubling. Basically, the particulate matter in this material is so fine that upon

extensive magnification it simply appears as a speck on a pin head. It's readily taken in by humans through the nose, through the throat, and lodges in the lungs and exhibits effects which damage the lungs and in many cases lead to premature death. The particulate matter has been found to, in fact, aggravate respiratory illnesses like asthma and bronchitis, which are particularly troubling also among our younger population, older population; and the EPA has clearly identified that the constituents within diesel exhaust fumes do, in fact, cause cancer.

I'd like to also state that diesel exhaust contributes to formation of ground level ozone and particulate pollution within the Commonwealth. This is particularly important at a time when the Commonwealth is significantly challenged in meeting the National Ambient Air Quality Standards for both particulate matter and ozone. I'd like to share with you that this past year the Agency submitted a number of packages or various areas of the Commonwealth that were in nonattainment or either ground-level ozone or ozone or fine particulate air pollution to EPA for consideration as areas now of attainment.

This past ozone season was not very kind, unfortunately, to the Commonwealth. This would be the

Summer of 2007. And where, in fact, some of our monitors and particular monitors in the southeast and southwest parts of the State were monitoring attainment with the ozone standard and the particulate standard in 2007, we saw exceedances.

As a result of those exceedances, EPA has asked us to demonstrate additional emission reductions within the 5-county area of southeast Pennsylvania, including Philadelphia, before they will move forward to approve any change in status to attainment in that area and, in fact, have asked us to modify our plan for the Pittsburgh, Beaver Valley area so that they can take a look at a new and different strategy for us to ensure continued compliance with the standards within that area of the State in a plan that, in fact, would show attainment by 2010.

All of that being said, EPA took steps within the last year to year and a half to further ratchet down the standards for both ozone and fine particulate matter. What that means to us as a Commonwealth and to our Agency is that we will be in a process of again through the data that's been collected through our network of monitoring stations, coming up with a new designation of areas that are in nonattainment with a new, more protective restrictive

standards that EPA's suggesting.

In addition to that, we've got ongoing concerns that are more physical in nature and not necessarily human health effects with respect to emissions from diesel engines, and those effects are visibility concerns, regional haze effects, and the deposition of contaminants that, in fact, may be contained in diesel exhaust emissions for our water bodies; and, of course, the water body of greatest attention and greatest concern most recently is the Chesapeake Bay. Clearly we're challenged in meeting our obligations within waterways that feed the Bay and the Bay itself and wherever we can reduce deposition to those water bodies, it's certainly to our advantage.

Because of all of these challenges in trying to reach the point of attainment with National Ambient Air Quality Standards within all areas of the Commonwealth, we are looking at any possible reduction that can be achieved, whether it's from stationary sources and mobile sources; and we believe this is fairly low-hanging fruit for us to latch on to and basically contribute to our ability to meet attainment in areas of the State.

Outside of all of the environmental issues and concerns related to diesel exhaust or diesel

emissions, Representative Gabig mentioned that there's an economic and energy related component to this as well, and there's no question that that's true and that's the case. Many of the studies indicate that there's approximately a gallon of diesel fuel consumed for every hour a diesel engine idles. In many cases, there's required 10-hour breaks, which many of you are familiar with, for the trucking community. If, in fact, with the cost of diesel fuel being \$4 a gallon, if the truck is idled because of weather conditions for 10 hours, we're looking at \$40 for one truck in a day or in a rest period. We could, in fact, be looking at \$10,000 or more for a single truck to operate according to the standard or conventional operating practices in an idling to establish or to maintain climate control within sleeper berths within long-haul truck cabs. So there's no question that if, in fact, there's greater controls on idling and alternatives provided for driver safety and comfort, that there's going to be a significant benefit to our overall energy independence and, in fact, to reducing the amount of greenhouse gases which lead to climate change. I'd like to take a few moments and talk

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about a rule-making process because I think that's of interest with the number of groups we've been working

with and some of the comments that we've heard. began the process of rulemaking with the filing of a petition for rulemaking before the EQB in October of 2006. In response to that petition and the EQB's action for us to initiate rulemaking, we really consulted with a number of sister agencies as well as our advisory committees that advise us on policy issues and regulatory issues. We work very closely with PennDOT, with Pennsylvania State Police; we have consulted as we've drafted regulatory language with our Advisory Committees, not the least of which are the Air Quality Technical Advisory Committee, the Citizen's Advisory Committee and the Small Business Compliance Assistance Committee, all of which advise the Department in various areas of our programs.

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We also, I heard a few comments being raised as to what about Philadelphia, what about Pittsburgh, what about Allegheny County? We have worked very closely with Air Management Services in Philadelphia, the local regulatory body in Philadelphia. We've worked very closely with Allegheny County Health Department which is the local regulatory body in Allegheny County.

In June of this year, the EQB actually proposed the regulation of diesel idling to 5 minutes for every 60-minute period, with some exceptions. That

proposal was followed by a 60-day comment period, which is fairly normal for our process. During that period which ended in mid-May, we received more than 500 public comments on the proposed regulation.

2.0

The majority of those comments were in support of the restriction of diesel engine idling. We also received three petitions, one each from the Clean Water Action Group, the Group Against Smog and Pollution, and the Clean Air Board of Central Pennsylvania. Each petition contained a number of signatures, and all of the petitions obviously were in support of restriction of truck engine idling.

The EQB also received a number of comments requesting consideration of some additional exemptions. We believe that safety-related issues need to be carefully looked at and that will really be the litmus test for us as we sit through the comments and consider if, in fact, some additional changes need to be made to the proposed rule that's currently under development.

I'd like to say that by the time our regulatory process ends, which is projected to be in 2009, we will see on an annual basis about 3300 tons of nitrogen oxide pollution, about 90 tons of volatile organic compound pollution, and 60 tons of particulate pollution in the Commonwealth basically attributable

just to truck engine idling.

We have proposed an exemption within the proposed rulemaking before the EQB which also gets to this issue of maintaining driver comfort as part of our safety considerations for the industry. We are indicating in our rule that, basically, when outside temperatures drop to a certain level or increase above a certain level, that idling can occur to maintain power within the cab, to maintain climate control within the cab; however, this exemption would expire May 1st, 2010.

It's anticipated that upon this exemption, at that time, that about half of the overall gains in reduction of emissions and reduction in air pollutants will be achieved. That being said, we would be reducing the amount of air pollution from this source by about 1600 tons of nitrogen oxide, about 45 tons of volatile organic compounds and about 40 tons of particulate matter.

Now what I'd like to do is focus on what we believe are important changes that are required to SB 295. I'd like to refer back to my comment that there needs to be broader compliance responsibilities within SB 295. In the rule before the EQB, it's been decided, and I think rightly so, that compliance is a shared responsibility between operators and owners of

properties where, in fact, trucks park, trucks load, unload, and are supplied. Many times, there's little consideration given to the number of supply points at a warehouse. There's little thought given to the logistical requirements in scheduling or loading, unloading. It's very difficult for us to rationalize holding operators completely accountable for reductions in idling when, in fact, the layout, the logistics, the planning, the scheduling provided by the operators and owners of warehouse complexes, rest areas and so forth are not partially held accountable as well.

I'd also like to mention that we believe that civil penalties, basically summary offenses, are identified as the enforcement structure within SB 295. We believe civil penalties also have a place within the overall compliance structure within SB 295. That is the mechanism that is suggested within the rulemaking that is moving forward under the EQB auspices, and we believe it's critically important particularly in ensuring compliance by owners of properties where in fact trucks idle.

I'd like to talk a little bit about the summary offenses within SB 295. Basically, the summary offenses specified in SB 295 range from \$50 to \$150. We do not believe that that structure is consistent with

what's in place within our local jurisdictions currently or within laboring states. For instance, Philadelphia, the local code in Philadelphia and Philadelphia County is basically \$300 per offense. In Allegheny County, the first offense is met with a warning, the second offense a hundred dollars, subsequent offenses could be as high as \$500. In Maryland, fines for offenses range as high as \$500. In Delaware, offenses range from 50 to \$500. So you can easily see that scheduling and planning for travel may still target Pennsylvania as a potential point if, in fact, the fines for violations are more relaxed and less stringent than all the states around us.

I would also like to indicate that SB 295 indicates that the idling requirements apply only to the vehicles engaged in a commercial activity. We believe that that's somewhat limiting and, in fact, truck tractors that are not pulling a trailer or engaged in commercial activity would not necessarily need to comply; so we believe that's something that requires some additional attention.

I would like to recognize that both SB 295, as well as our rulemaking, include provisions, as was stated earlier, that would allow trucks, truck engines model 2007 and newer that are CARB certified or

certified to basically include clean NOx idle engines that meet standards to idle without restriction.

SB 295, like the proposed idling regulation, would require any auxiliary powering system, a small unit that's basically installed to maintain climate control and to operate electronic devices within the cab of the truck, must operate as cleanly as the main propulsion engine within the truck.

The Engine Manufacturers Association has indicated that we may want to take a closer look for proper procedure and proper consistency with the Clean Air Act, and we are going to do that and possibly make some modifications to the language within our rule. I would also suggest that SB 295 be modified in the same way.

That basically concludes my testimony. I'd like to say that more than 44 states and local jurisdictions across the country currently have idling restrictions in place. I do agree that a patchwork of these types of requirements is very, very difficult for ensured compliance by operators. There's a significant turnover by truck operators every year. If, in fact, there's a different requirement in place in various counties or even local jurisdictions within the Commonwealth, it's very difficult to ensure compliance;

so a statewide rule is very important to this overall process. There are no efforts being undertaken at the national level to ensure a national program is in place that would be completely consistent across the country, so it's very important that we take the initiative here in the Commonwealth. I would like to thank you very much for the opportunity to comment and provide testimony to you today, and we stand ready to work with you and your staff if, in fact, you consider these amendments for their consideration. Thank you very much. CHAIRMAN MARKOSEK: Secretary Fidler, thank you very much. I know Chairman Geist has a question. CHAIRMAN GEIST: Yeah. Thank you very much. I have a couple questions on your statement. First of all, the Administration over the past six years has issued highway occupancy permits for how many million square feet of warehousing in Pennsylvania? MR. FIDLER: I don't have an answer to that question. A lot, correct? CHAIRMAN GEIST: MR. FIDLER: I don't have an answer to that question. CHAIRMAN GEIST: Well, there's been a lot of

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cardboard checks handed out and a lot of other things for economic development in warehousing development throughout Pennsylvania. And your comments about the design and approval of facilities to meet these standards, I happen to agree with. And the other thing that I happen to agree with is that all these large warehouses should have dual modalities when it comes to transportation and they all should have rail access. And in the Cumberland Valley this whole way down 81, very, very few, if any, large warehouses have rail We were just down in York County to see a large facility that they bring huge amounts of foodstuffs into the City of York and transport it by truck to another great big warehouse and there's no provision, you know, to get rail into there. I can't remember the number of trips per month, but it was over 10,000; and that's a lot of diesel emissions in the City of York that could be well taken care of if you had rail access, dual-modality access, you could have truck to train, train to truck and much much cleaner air. And it surprises me that you testify that way at the same time that the Administration has issued

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And it surprises me that you testify that way at the same time that the Administration has issued highway permit after highway permit, occupancy permit, Department of Revenue or excuse me -- DCED has put out all kind of projects all over the State in warehousing

and distribution with no requirements like this, I mean, none.

MR. FIDLER: I'm not really sure whether there are requirements like that in any of the projects that you're familiar with. And I will just say that the service industry is very strong in Pennsylvania, no question about that. The concept of dual modality, I think, is an excellent concept.

CHAIRMAN GEIST: And the other thing that I wanted to say is comments about idling. And I like this Bill, and I'm going to help get it passed, if I can.
But I have a huge concern with congestion mitigation in the tons of diesel that is spewed in 6, 7-hour traffic jams. We've got a real problem. We've got a capacity problem in 81 and 78 and 83 and other roads, and I think that we really have to have a uniform meeting of the minds when it comes to making sure that we get a better traffic flow in Pennsylvania. We've got problems all over the place, and this is a good start.

And one final comment. When you talk about rules and regulations that are made by the EQB, they're the same and have the same impact as laws written by the General Assembly.

MR. FIDLER: Uh-huh.

CHAIRMAN GEIST: And the only time in the

history that I've been in the General Assembly in thirty years that we've given up our sovereignty to any other state was the rulemaking that gave CARB the ability to make rules and regulations for the State of Pennsylvania by bypassing the General Assembly, and I would hope that we always have elected government involved in making decisions for the people of Pennsylvania and not a board appointed by the Governor of California which gives jurisdiction over the State of Pennsylvania.

Whether you agree that that's the right way or not to go, I really believe in state's sovereignty and the ability of us in Pennsylvania to solve our own problems. So when you talk about rulemaking and CARB and those kind of things, it's just still a sore point with me. Thank you.

MR. FIDLER: Could I respond to two points?

CHAIRMAN MARKOSEK: Sure.

MR. FIDLER: Thank you very much for those comments. I'd like to say with respect to congestion mitigation and cement dollars coming into the Commonwealth from the Federal Highway Administration, I personally made a presentation at the annual meeting of all the regional planning staff in charge of transportation planning at the local levels within the Commonwealth to encourage greater use of congestion

1 mitigation dollars and greater thought given to 2 congestion mitigation projects to further streamline traffic patterns within the Commonwealth. We're turning 3 4 back to the Federal Highway Administration through rescissions, millions of dollars, I'm sure you're all 5 aware of that, millions of dollars and really partly 6 7 because we just have not given thought to projects that 8 really would help solve some of the congestion problems. Secondly, the clean vehicle issue did go before a 9 10 Committee in the General Assembly as part of the promulgation process. We did meet with the 11 12 Transportation Committee as part of that process as 13 well. And, basically, when the EQB finally promulgated that rule, there was a provision incorporated that 14 15 indicated that if there's any change initiated by CARB in the future that, in fact, those changes be shared 16 17 with the EQB and fully explained as to implications 18 before, you know, just simply moving forward and 19 adopting those requirements; so I understand your 2.0 comment and concern. 21 What I'd like to see is the CHAIRMAN GEIST: 22 Governor of Pennsylvania get at least one appointment on 23 that board. 24 CHAIRMAN MARKOSEK: Representative Mark Longietti from Mercy County. 25

REPRESENTATIVE LONGIETTI: Thank you, Mr.

Chairman, and thank you for your testimony. I don't

want to take too much time. But could you explain a

little bit more in detail, you mentioned some changes

that DEP would like to see in the Bill, and one of those

was broader compliance features and if I heard you

correctly, that you wanted a little more coverage

regarding owners and operators of facilities of

property. Could you explain that in a little more in

detail?

MR. FIDLER: Yes. Sure. Certainly. SB 295 currently holds truck operators solely responsible. And I might say, other State laws also hold operators responsible. There's a few states, however, that have taken the initiative to hold owners of warehousing complexes, truck stops, that sort of thing, responsible as well.

We believe, at a minimum, those location owners should at the very least sign their properties to indicate that excessive engine idling is illegal.

Further, as I said, in the testimony, I believe through proper planning, the proper scheduling, the proper recognition that there may be cueing or waiting issues at their facility that should be factored into the overall compliance process for this program; so I think

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    it's important that owners also are part of the
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    equation.
                REPRESENTATIVE LONGIETTI: And I didn't know
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    if you were able to comment -- one thing that went
    through my mind when I looked at the exception regarding
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    rest periods. Temperatures aren't static, we know that;
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    you know, sometimes it's 40 degrees and then it drops
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    down to 35 degrees or goes to 50 degrees. How is one to
    comply in that situation? I'm sleeping in my berth, I'm
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    at the required temperature, now the temperature rises.
    Is there any thought put into that on how do I comply in
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    the middle of my rest stop?
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                MR. FIDLER: Just logic and common sense is
    going to prevail when, in fact, the enforcement process
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    is applied, I would hope. Clearly, temperature is
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    variable, particularly during seasonal changes of the
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    year and all we'd really like to see is really when it's
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    unnecessary for idling to be occurring, that it not
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    occur.
                REPRESENTATIVE LONGIETTI: Thank you, Mr.
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    Chairman.
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                CHAIRMAN MARKOSEK:
                                     Thank you.
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    Representative Mark Keller from Perry County.
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                REPRESENTATIVE KELLER:
                                         Thank you, Mr.
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    Chairman.
               I appreciate that very much. Thank you very
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much for your testimony. I have a few problems with the amendments that you are asking to be put in here. One of the things that you speak about is changing the wording as being used commercially and just taking that totally out of there. Coming from an agricultural community, agriculture is a key component of the community of the district that I represent. If we do broad breadth based on this, you know, we're affecting them and I don't think that's one of the problems that we're trying to get after. So I would caution the fact that the Committee would look at that amendment, not saying that that amendment could be tweaked to address the concerns of DEP, but I think you're too broad based on that particular issue.

The other issue that I have is the policing power by DEP. I have a real reservation about that, because of what I've seen in the past with the Department. A lot of times I question, you know, how they go about policing and enforcement; and I think that that's something that we need to look at very seriously, is who does have the authority and who does have the power to enforce? And with that, on those particular issues, let's take a truck stop. What are we going to do, have somebody running around saying, you've been on too long, you've been on too long, you've been on

-- I support this Bill. I think we need to do this, it's not that. But, you know, I think we need to use common sense a lot of times, too, and a lot of times we forget about that when we're doing pieces of legislation and, you know, I caution how we approach, you know, some of the things that we're trying to accomplish here; so I appreciate your testimony. I have a few problems with some of the amendments that are put in there, and hopefully we can move through them in a positive manner.

Thank you, Mr. Chairman.

MR. FIDLER: Just very quickly. The rulemaking process that is currently underway under the

EQB process, basically, does not include farm-related

Thank you.

diesel-powered equipment. Basically, it's all on-road
equipment that is covered by that rule; so clearly we're

sensitive to that issue and to that concern. Well, I'll

17 just leave it there.

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REPRESENTATIVE KELLER: Well, if we're not real specific, who knows what the judge will rule; so I think we need to be specific. Thank you.

MR. FIDLER: I think your point is well taken. With respect to civil penalties, I think it just provides a full range of tools to ensure proper compliance with the law. There are similar concerns about local law-enforcement agencies, and in some cases

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State Police, so I think it's just a matter of
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    exercising logic and common sense. I totally agree with
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    you.
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                CHAIRMAN MARKOSEK:
                                     Thank you.
    Representative Jeff Pyle.
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                REPRESENTATIVE PYLE: Thank you, Mr.
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    Chairman. Thank you, Mr. Deputy Secretary. In all of
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    this discussion of diesel idling, all I've heard
    mentioned is commercial trucks. Would these same said
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    regulations apply to school buses?
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                MR. FIDLER:
                             Yes.
                REPRESENTATIVE PYLE: School buses that
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    carry special-needs children that need to be heated
    before they board?
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                MR. FIDLER:
                             There are special provisions
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    that provide for preheating of those buses.
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                REPRESENTATIVE PYLE: Would it apply to
    diesel locomotives?
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                MR. FIDLER:
                             No.
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                REPRESENTATIVE PYLE: Why not?
                MR. FIDLER: Basically, because it's
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    narrowed to the point of affecting only diesel-powered
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    motor vehicles, highway motor vehicles.
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                REPRESENTATIVE PYLE: I draw attention to
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    this because I live in Southwestern Pennsylvania outside
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of Allegheny County in Armstrong County, which is
Northeast. We do not have diesel passenger trains; and
thus, we don't have the particulates emitted from said
diesel passenger trains as would two of the counties you
identified, Allegheny and the 5-county region around
Philadelphia.
               I would recommend that in this
rule-making process you've identified, that if you're
going to go for diesel emissions, you should go for all
diesel emissions, not just commercial trucks.
            MR. FIDLER:
                         I think you raise a concern
and, you know, with respect to Representative Geist's
comments about dual modality and the need for greater
rail transport capability within the Commonwealth, I
think it's going to become more and more of an issue.
would, and I'm not minimizing the concern, but I really
think it's important for us to stay focused on the issue
here at hand and maybe take up the issue of rail
transport, rail idling, diesel emissions from rail
possibly as a separate issue.
            REPRESENTATIVE PYLE:
                                  Excellent point, sir.
I'm sorry. I thought the main thrust of the legislation
and the identified DEP rules was to reduce particulate
emission.
            MR. FIDLER:
                         It is.
            REPRESENTATIVE PYLE:
                                  We're trying to get
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    that tonnage reduction number up as high as we possibly
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    can, so I would think it only logical that diesel
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    engines being the size that they are, be included on
    locomotives.
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                MR. FIDLER: Point well taken.
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                REPRESENTATIVE PYLE: Thank you, Mr.
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    Chairman.
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                CHAIRMAN MARKOSEK:
                                            Thank you,
                                     Okay.
    Representative Pyle; very good questions.
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                                                Secretary
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    Fidler, thank you very much. We appreciate your
    testimony here today.
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                MR. FIDLER:
                              Thank you.
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                CHAIRMAN MARKOSEK: And thank you for
    coming. Our next panel will be Mr. Jim Runk, President
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    and CEO of the Pennsylvania Motor Truck Association.
    And with him is Mr. Jesse Keen, Vice President and Owner
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    of Keen Transport Incorporated.
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                Gentlemen, thank you. And you may begin
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    when you are prepared.
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                MR. RUNK:
                           Thank you, Mr. Chairman.
                                                      Good
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    morning, Chairman Markosek and Chairman Geist.
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    appreciate the opportunity to participate in this
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    hearing today.
                My name is Jim Runk. I'm President of the
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    Pennsylvania Motor Truck Association located in Camp
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Hill. PMTA is a statewide trucking association representing approximately 2200 member companies from for-hire to private carriers, dump truck operators to engine and tractor manufacturers. PMTA was organized to promote the common business interests of persons engaged in motor transportation industry and is dedicated to effectively representing the concerns of the trucking industry to members, government and regulatory agencies and the general public.

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Mr. Chairman and Committee members, thank you for providing us the opportunity to represent the fourth largest industry in the Commonwealth and to provide testimony on the Diesel-powered Commercial Vehicle Idling Act.

During the past year, PMTA worked with a number of organizations and individuals including the Clean Air Board from Carlisle, the Pennsylvania Lung Association, the School Bus Association, the Bus Association, and Senators Pat Browne and Pat Vance along with their staff members. They worked tirelessly to expedite this legislation.

We also had a number of meetings with DEP that produced a considerable amount of positive suggestions and recommendations. We'd like to thank each one of those individuals and organizations for

their extraordinary commitment to the dedication of this very significant piece of legislation.

Finally, Mr. Chairman, PMTA is satisfied with the concept of one statewide standard. This will eliminate the need for drivers to become familiar with local municipalities anti-idling regulations, many of which would not be known to the driver, making it almost impossible to comply.

pMTA fully supports SB 295 as it currently stands and reserves the right to modify its comments and amendments if amendments or language is changed. The reference that I mentioned in my testimony, the most downloaded piece of material from the American Transportation Research Institute which is the foundation arm of the American Trucking Association is the compendium for idling regulations. This lists all of the idling regulations throughout the United States, so in order for a driver to comply with those rules he or she has to download a whole copy of this information. And I do have for the Committee the requirements for Allegheny County and Philadelphia, if any of you would like to hear what they are upon question and answer.

CHAIRMAN MARKOSEK: Okay. Thank you.

24 Mr. Keen. Brief remarks.

MR. KEEN: Good morning, Chairman Markosek

and Chairman Geist and Committee members. Thank you for having me here. I'm Jesse Keen, Vice President and Owner of Keen Transport with headquarters in Carlisle, Pennsylvania and Cressler Trucking based in Shippensburg, Pennsylvania.

As a father, a grandfather, owner of a trucking company with over 500 trucks, 40 owner/operators, employer of 800-plus associates and their families that live and work in the Cumberland Valley of Pennsylvania, I support and strongly urge you to pass Senate Bill 295 as written.

We need a statewide idling restriction law for the State of Pennsylvania for the following reasons: To reduce the amount of diesel particulate matter in the air known as PM 2.5, to reduce the health risks to the citizens of Pennsylvania so that we may have one statewide law versus the potential patchwork of various county and local laws, to stop wasting diesel fuels through unnecessary idling, to save money; it's big dollars going out those exhaust stacks, to protect Pennsylvania from being the haven it currently is for out-of-state truckers parking and idling in Pennsylvania because they cannot in surrounding states of Delaware, Maryland, New Jersey, New York, and Virginia. Those states have laws to prevent diesel trucks from

1 idling.

Senate Bill 295 is a good Bill; because until May 1st, 2010, it allows sleeper trucks to idle during a driver DOT required rest period if the temperature is less than 40 degrees cold weather and 75 degrees during hot weather. It allows truckers two years to equip their existing trucks with cab heaters, cooling units, APU's, which are alternative power sources, or look at possibly purchasing a new 2008 CARB-compliant 50-state trucks.

It provides and allows idling of trucks in traffic, safety situations, servicing, inspections, and for emergency uses. It provides for allowing the truck to run when being used for work-related propulsion.

Examples of this would be aerial bucket trucks, blowing off loads of feed, dumping loads, cement mixers, applications where the truck engine is required to run a power takeoff.

I'm a trucker, and I support this proposed legislation. It saves millions of gallons of diesel fuel, saves millions of dollars, it's a step in the right direction to protect the environment and health of the citizens of Pennsylvania. It makes truckers become part of the solution and not the problem. It's the right thing to do.

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                Thank you for your time and interest in
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    Senate Bill 295.
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                CHAIRMAN MARKOSEK: Okay. Thank you.
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    Questions? You did such a great job.
                           It usually doesn't happen that
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                MR. RUNK:
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    way.
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                MR. KEEN:
                           Here's these regulations
    (indicating), if anybody wants to look at them.
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                CHAIRMAN MARKOSEK: We've talked to both of
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    these gentlemen over staffs and whatnot, so thank you.
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    Thank you very much.
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                MR. RUNK:
                           Thanks.
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                MR. KEEN:
                           Thank you.
                CHAIRMAN MARKOSEK: Yeah, we have -- the
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    information that Mr. Runk mentioned is in the members'
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    packets, so -- all right. Mr. Timothy French, Legal
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    Counsel of the Engine Manufacturers Association.
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                Mr. French, welcome.
                             Thank you.
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                MR. FRENCH:
                CHAIRMAN MARKOSEK: Thank you. And you may
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    begin when you're ready.
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                MR. FRENCH: Mr. Chairman, Committee
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    members, good morning; my name is Tim French.
    General Counsel for the Engine Manufacturers Association
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25
    in Chicago, Illinois. EMA is pleased to submit these
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comments regarding the proposed legislation, Senate Bill 295, to adopt a statewide Diesel-powered Commercial Motor Vehicle Anti-idling Act. Specifically, as you know, Senate Bill 295 would establish an idling restriction of 5 minutes in any 60-minute period for diesel-powered commercial vehicles, subject to various exemptions and exceptions and also establish emission control requirements for auxiliary power systems or APS units used in conjunction with commercial diesel vehicles powered by 2007 model year or newer diesel engines.

The requirements established under Senate
Bill 295 would take effect 60 days after their
enactment. EMA is the trade association that represents
the world's leading manufacturers in internal combustion
engines, including the diesel-fueled engines deployed in
heavy-duty on-highway commercial vehicles, as well as
the much smaller diesel-fueled nonroad engines utilized
in APS units. We also represent manufacturers of
locomotive engines as well; and EMA's members,
therefore, have a direct and significant interest in
this pending legislation.

As a general matter, EMA and its members fully support efforts to eliminate unnecessary idling emissions from heavy-duty on-highway diesel-fueled

vehicles. And to that end, EMA has worked with many stakeholders, including EPA and the California Air Resources Board to adopt and develop the EPA model rule to govern idling emissions and also the initial draft of CARB's anti-idling regulations. And in light of these extensive efforts and collaborative efforts that have gone into development of the model rule, in the initial draft anyway of CARB's regulations, we encourage you to look to those forms and be as consistent as you can.

Turning to the specifics of SB 295, there are a few components of the legislation that we feel should be addressed. First, the anti-idling exemption that is provided for maintenance, servicing and repairs should explicitly include regeneration or maintenance of the exhaust emission control device. New diesel trucks come with diesel particulate filters, and periodically they need to be cleaned, the ash content removed.

In the future, some diesel vehicles will be equipped with SCR, Selective Catalytic Production

Systems which have some ammonia injection into the exhaust stream and there's some maintenance that needs to be allowed for there as well. Second, we feel that the temperature limitations on the sleeper berth exemption should be eliminated. As we've heard, outside temperatures can fluctuate a lot and you could be in the

zone, out of the zone, in the zone. And just as is the case with the model rule that EPA adopted, we feel that those limitations are probably more problematic than beneficial in terms of enforcement.

Third, with respect to eliminating the sleeper berth exemption in May of 2010, we feel that there should not be any automatic extinction of that exemption. 2007 model year, 2008, 2009 model year heavy-duty trucks are equipped necessarily with diesel particulate filters. They run on ultra low sulfur diesel fuel. They are, in fact, zero emission vehicles with respect to PM; and therefore, if you are going to sunset the sleeper berth exemption, we feel it's better to do it for vehicles of a model year prior to 2007 rather than to say it's eliminated as a certain date that you picked, 2010.

We also feel that this legislation should take effect more than 60 days after its enactment. We are thinking maybe 180 days to allow proper outreach to impact the stakeholders and to ensure a more orderly implementation of the legislation and not unnecessarily or unfairly citing violations for people that may not have had proper notice.

And before I go on, let me say we again endorse an anti-idling rule and the main components of

this legislation are well founded and well crafted. However, with respect to the APS unit provisions, these regulations would regulate APS units powered by a diesel-powered internal combustion engine; and what needs to be recognized here is that these smaller diesel engines are a subset of what is referred to as non-road engines. And under Section 209(e)(2) of the Federal Clean Air Act, Pennsylvania is exclusively preempted from enforcing any emission-related requirements for non-road engines unless, first, the requirements as well as their implementation and enforcement are identical to CARB standards that have been specifically authorized by US EPA pursuant to a preemption waiver request and also that Pennsylvania provides at least two years between the date it adopts the non-road regulations that are identical to California's and the date you would propose to enforce them.

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Unfortunately, as drafted, SB 295's emission-related requirements for APS units fail on each of these grounds. They're not identical to CARB's APS engine requirements, and those are contained in Title 13 of the California Code of Regulations at Section 2485 (c)(2) and (c)(3). A preemption waiver has not been sought by CARB for its APS unit standards nor has it obviously been granted by EPA as of yet and Senate Bill

295 does not provide a two-year lead time for the APS unit requirements. Instead, as we talked, it's a 60-day lead time. And so, regrettably, those provisions need to be fundamentally amended if they're going to be consistent with Federal law.

That said, and again, I do want to stress that we are endorsing the principle operator based components of this legislation. We very much appreciate the opportunity to be here today, and I'd be happy to try to answer any questions that you may have at this time.

CHAIRMAN MARKOSEK: Okay. Any members have any questions? Representative Mark Longietti.

REPRESENTATIVE LONGIETTI: Thank you, Mr.

Chairman. Thank you for your testimony. Just want to make sure I understand the recommendations you mentioned about eliminating the temperature requirements. So your recommendation would be, as an exemption or as an exception, that if I'm an operator and I'm sleeping during a rest period, it shouldn't matter what the outside temperature is for that exception?

MR. FRENCH: That's correct. In part, we feel that that's just a notice already. The price of fuel today already provides an incentive against unnecessary idling in a sleeping berth station.

REPRESENTATIVE LONGIETTI: And if I see your written testimony correctly, the EPA model rule does not include temperature restrictions?

MR. FRENCH: That's correct.

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REPRESENTATIVE LONGIETTI: Could you explain just a little bit more. You talked about the Sunset Provision, the 2010. Just so I understand that correctly, I see in your written testimony there's some vehicles that have some kind of a filter. What exactly are you recommending there?

In 2007, nationwide emission MR. FRENCH: standards took effect for heavy-duty on-highway vehicles. That set the PM limit from engines in those vehicles at .01 gram per brake horsepower hour. metric that, in essence, means zero. To meet that standard, all heavy-duty on-highway diesel engines today and in the future are equipped with catalyzed diesel particulate filters, honeycomb structures that also have a catalyst in them, that heat up and periodically they accumulate the particulate and periodically heat up and burn it off. And so the particulate emissions that are coming out from 2007 and newer on-highway heavy-duty vehicles are 80 percent actually when you measure them. They're 80 percent lower than the standard. They're at the limit of measurability. They're, in essence, zero.

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And so, if this is a piece of legislation primarily
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    looking at health effects from diesel particulate for
    2007 and newer heavy-duty on-highway vehicles, that is
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    not a concern anymore. They're also getting much
    cleaner and cleaner with respect to oxides of nitrogen
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    as well. But our point is, therefore, that if you need
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    to sunset the exemption for sleeper berths to encourage
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    older vehicles to put on advanced APS systems or to
    route APS systems through the main engine, that concern
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    should not pertain to 2007 newer vehicles.
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    already zero emission, in essence, per vehicle.
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                REPRESENTATIVE LONGIETTI: And just as a
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    final follow-up, so in other words, say I have a model
    year of 2003 and I'm a small independent truckdriver,
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    there is some way that I can retrofit that vehicle. Do
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    you have any idea what the cost of that is?
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                MR. FRENCH:
                              There are estimates that the
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    cost of an advanced APS system, some of which are just
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    being certified now by California to meet their, in
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    essence, ZEB levels for PM, I would say something like
    $7500.
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                                 Thank you. Thank you, Mr.
                MR. LONGIETTI:
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    Chairman.
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                CHAIRMAN MARKOSEK:
                                     Thank you.
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    Representative Ron Miller.
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REPRESENTATIVE MILLER: Thank you, Mr. Just so I understand, the first point that I Chairman. believe you made was the anti-idling exemption as far as regeneration or maintenance of the exhaust emission control device? MR. FRENCH: Yes. REPRESENTATIVE MILLER: Is this something that, you know, the operator gets an indication it needs to happen? It doesn't happen as you're driving down the road? MR. FRENCH: No. REPRESENTATIVE MILLER: They have to be parked. And it doesn't go into a shop or anything. It's just something they know has to occur? MR. FRENCH: Basically, what this talks about is, there are scheduled maintenance events for new heavy-duty on-highway vehicles. The diesel particulate filter periodically regenerates or lights off

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vacuumed out.

heavy-duty on-highway vehicles. The diesel particulate filter periodically regenerates or lights off accumulated particulate just as a truck is driving along, and it may happen a couple times a day; but there is a certain point at which some residual called ash builds up in the filter and it needs to be cleaned out at a dealership primarily and it's basically just

To do that, the engine, you need to keep it

at a certain temperature. It needs to be idled while that maintenance is going on. That's what we're talking about. It's servicing at a dealership where they could idle it to do this maintenance.

REPRESENTATIVE MILLER: Okay. I appreciate that. The other question I had is, I understand what you're saying about diesel engines 2007, 8, 9. Is there an easy way to tell that? I mean, I have a slight concern as we go towards enforcement. How are we going to know that your truck or anybody that's assigned the enforcement function, how will they know?

MR. FRENCH: On the inside of the driver door, periodically there's a vehicle label that will have the model year of the vehicle right there.

REPRESENTATIVE MILLER: So if a truck is sitting idling, then the person could have somebody knocking on their door saying, Why are you idling? And I just think if we're going to make that exception we probably need to have it not be on the inside of the door but be something visible as a sticker or something. That was my only concern, is that we may have to find a way to identify those vehicles.

MR. FRENCH: That's a good point.

24 REPRESENTATIVE MILLER: Thank you. Thank

25 you, Mr. Chairman.

CHAIRMAN MARKOSEK: Okay. Representative John Sabatina.

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REPRESENTATIVE SABATINA: Thank you, Mr.

Chairman. And, Mr. French, no disrespect to you; but I did notice in the crowd that Mr. Keen appears to disagree with you about something that you said, and I just wanted to ask him what it was and see if you had a response to that.

Thank you. Well, I just want it MR. KEEN: to be real clear, A driver needs to stay warm in the wintertime, and that's probably more important than staying cold in the summertime. Okay? And you can buy cab heaters, and we run them on our trucks and have been running them, that suffice for the wintertime that last 7 months out of the year. They only cost about 7 to \$800. They keep our drivers warm, and they only burn one gallon of fuel every 12 hours. So you don't need an APU to stay warm. You know, you're going to freeze before you die of heat. There are also battery-powered air conditioner units, which we are currently installing, that are about \$4,000 that run off of auxiliary batteries and will keep the driver cold without running the engine, running anything that puts out emissions.

So when I started hearing 7 to \$10,000 for

1 an APU thinking everybody's got to spend that, that's 2 not true. CHAIRMAN MARKOSEK: 3 Thank you. 4 MR. FRENCH: And on those points of implementation, I would certainly defer to the operator 5 6 community, to their comments. 7 REPRESENTATIVE SABATINA: I just noticed him in the crowd shaking his head, so I thought I'd get to 8 the bottom of it. 9 10 MR. FRENCH: Good points. 11 CHAIRMAN MARKOSEK: Okay. Sometimes we 12 don't read body language as well as we think. 13 French, thank you very much. I see no other questions. We appreciate your testimony very much. 14 15 MR. FRENCH: Thank you. 16 CHAIRMAN MARKOSEK: Next we have an independent trucking panel, Mr. Mike Joyce, Government 17 18 Relations Representative Owner-Operator Independent 19 Drivers Association, Inc. and Mr. Kris Kane, a 20 professional truck operator. 21 Gentleman, welcome. And while they're 22 getting situated, couple of housekeeping things here. 23 Representative Geist had to leave. I think he has an 24 event back in his district. He is ably and nobly

represented by Representative Ron Miller who has moved

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up to the temporary Chairman's chair here and also --
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    talk about a wannabe, right? And also I want to mention
    for the record that we do have written testimony
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    submitted today from Elaine Farrell the Executive
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    Director of the Pennsylvania Bus Association and Tim
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    O'Donnell, President of Pennsylvania Waste Industries
    Association.
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                So with all of that, Mr. Joyce, Mr. Kane,
               I'm sorry. You are Mr.?
9
    thank you.
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                MR. JOYCE:
                            I'm Mr. Joyce.
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                CHAIRMAN MARKOSEK: You're Mr. Joyce.
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                MR. JOYCE:
                            Right.
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                CHAIRMAN MARKOSEK: Mr. Kane, welcome.
                           Thank you very much.
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                MR. KANE:
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                CHAIRMAN MARKOSEK: And, Mr. Joyce, I'll
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    allow you to start.
                MR. JOYCE: Mr. Chairman, members of the
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    Committee, thank you very much for the opportunity to
    testify today. You've heard from our brother
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    association, the American Trucking Association, also the
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    Pennsylvania Motor Trucking Association on some of these
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             My name is Mike Joyce. I represent the
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    Owner-operator Independent Drivers Association.
                                                      And for
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    those of you who are not aware of that association, we
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    represent about 162,000 small-business long-haul
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truckdrivers across the United States, which includes about 7600 members within the Commonwealth of Pennsylvania. We are, obviously, small owner-operators, usually one guy in a truck and a trailer and they operate -- our members operate about 260,000 individual heavy-duty trucks. Clearly the patchwork of idling regulations across the nation is a tremendous burden to small-business truckers, and as Jim Runk pointed out, there is a large laundry list of regulations across the country that a trucker needs to be aware of and comply with as they crisscross the country. There are some 300 to 400 idling regulations throughout the country.

Little background on owner-operators.

Owner-operators typically drive about 115,000 miles per year. That adds up to about 3 million miles in a lifetime. They spend 240 nights of the year away from home. An average owner-operator pays in excess of \$10,000 in federal taxes and more than \$6,000 per truck per year in state taxes. To give you some perspective, that \$16,000 paid in state taxes equates to about half the annual net income of the average truckdriver. Small business trucking -- one other point on small business trucking, those companies that are operating six trucks or fewer comprise close to ninety percent of the motor-carrier industry and some people, even myself

working in transportation policy for many years, was not really aware of that figure.

OOIDA members are beginning to make an investment in anti-idling technology, although the upfront costs are expensive at between 7 and \$9,000, not to mention the downtime that a truck has to go through to be fitted with an APU; and usually when a trucker's wheels aren't turning he's not making any money.

We heard a little bit of discussion here already today about the burden of SB 295, where the burden should be placed; and currently the legislation places the burden on the operator of the vehicle, and OOIDA thinks very clearly that we should actually expand upon what the Deputy Secretary said in regards to operators and owners of facilities, etc.

We actually believe that the owners of the vehicles in which some of these owner-operators are driving should also be responsible, and it should be pointed out that Mr. Keen who's here today clearly is doing some things and taking some steps to assure that his operators that work for him have what they need to get through and do well as they're out on the road.

And with that, I'll turn it over to our member here; and he'll give you a little bit more insight because he's on the road.

Thanks very much.

MR. KANE: My name's Kristopher Kane. I live in Juniata County, not that far away. I go out two, four weeks at a time. I drive coast to coast, border to border. I literally live in the truck. Okay? Okay? I don't have a whole lot of problems with just about anything Mr. Keen said. A lot of it is so true, but he is the exception to the rule on the truck companies that are out there that are not being responsible. And, again, I can't stress seriously enough how being in a cold truck trying to sleep or a hot truck trying to sleep affects the truckdriver's ability to get his rest.

Now, there are anti-idling technologies out there, one's a very popular one called IdleAire. Many of the truck stops in Carlisle as well as here in Harrisburg have IdleAire. Take a few minutes to go up and ask them how it works. I think you'll be impressed. The cost of operating a truck, okay, my truck personally is \$41.80 on a 10-hour idling gear. It's expensive to idle a truck. To hook up to IdleAire is \$21.80. That's a \$20-a-night savings my company would get if they hooked up to IdleAire. Okay? That comes down to 2600 trucks; \$52,000 a night my company would save if they didn't idle the truck. But, again, my company isn't

very responsible. If I want to hook up to IdleAire, I have to pay for it out of my own pocket. That shouldn't be. As we said earlier, the person who should be responsible for this is the owner of the truck, not the driver. Don't write citations out to the driver. we talked about APU's a little bit. That's the other option we have for climate control. Now, APU's use about one-fifth the cost of operating the truck, one-fifth, \$8.36, compared to the \$41.80. Now, an APU will pay for itself between 7 and \$9,000 anywhere between 8 months to 14 months; and after that, it's straight money in the pocket of the owner of the company. So APU cost, while it is expensive on the initial, the bottom line is it will save the company money. They last for years. My company, with its 2600 trucks, if they put the APU on it, would save \$1,173,000 a year. And for the record, with my company, that is doubling my company's profits.

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MR. JOYCE: So I think what we would say also in closing is simply that the EPA Model Idle Law that they did publish in April of 2006 includes language that clearly spells out owner and operator, and we would just urge the Committee to take a look at that Model Idle Law and reference that. We believe that the EPA went all over the country, and I understand your state's

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prerogative to do what you need to do in the
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    Commonwealth; but we do believe the EPA has done a
    pretty good amount of homework on that piece of
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    legislation and they do have owners and operators being
    responsible for the idling violations.
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                CHAIRMAN MARKOSEK:
                                    Okay.
                                            Thank you.
                                                        I do
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    have a question. You mentioned about IdleAire.
                                                      And I
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    guess just for the information of the Committee, myself
    included, would you explain exactly what IdleAire is?
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                MR. KANE:
                           All right. IdleAire is kind of a
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    funny looking system, but it's this great big yellow
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    tube you actually stick into the passenger side window.
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    It will give you the heat and the air conditioning you
    need for those ten hours.
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                CHAIRMAN MARKOSEK:
                                   Okay.
                                            So that's
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    apparatus that's at a truck stop?
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                MR. KANE:
                           Yeah, it's at many truck stops.
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    There's no upfront cost to a company to hook up to
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    IdleAire. And I hope you just, when you talk about
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    legislation, require anti-idling technology to be used
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    on trucks coming into Pennsylvania. The cost factor, it
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    should not be a consideration for these companies
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    anymore, not at the cost of our diesel anymore.
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                MR. JOYCE:
                            It's electrification. And
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    they're not located all over the country, obviously.
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It's very difficult when a trucker gets to the end of his day and his hours of service come up, it's very difficult for that trucker to find a space sometimes in the electrification truck stops. In addition to that, sometimes they're all taken and the trucker's got to move out and go somewhere else; so we definitely have tremendous hurdles when it comes to truck parking in this country.

CHAIRMAN MARKOSEK: Is there some history in other states that would show that when, perhaps, similar legislation was enacted that these become more prevalent? You know, is it the kind of thing that, yeah, they're not out there right now, but if we would have this legislation in place, more people would, you know, perhaps be installing them?

MR. JOYCE: I think you're correct,

Chairman. I think that the company would certainly take advantage of laws that would be put in place. What he's saying is also usually an owner-operator is given by his company sometimes a card that says, hey, go use

IdleAire; go to the electrification truck stop, use that card. But if the owner-operator in some instances doesn't ask enough questions, he ends up having that being taken out of his pay; so he would be better off doing other things versus hooking up to the IdleAire.

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                CHAIRMAN MARKOSEK: Okay. Ouestions?
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     Okay, gentlemen, thank you very much. I appreciate it.
                            Thanks, Mr. Chairman.
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                MR. JOYCE:
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                CHAIRMAN MARKOSEK: Very good. Okay.
                                                        Next
    we have our public interest panel, Dr. Thomas Au of the
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    Clean Air Board of Central Pennsylvania; Dr. Philip
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    Carey, who's an MD; Mr. Thomas Lattner, Air Pollution
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    Control Engineer, Allegheny County Health Department Air
    Quality Program, my home county; and Mr. Kevin Stewart,
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    Director of Environmental Health, American Lung
    Association of Pennsylvania.
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12
                Okay. I don't know, maybe out of deference
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    to the great County of Allegheny, we'll let Mr. Lattner
    perhaps begin and the others can certainly chip in from
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    there.
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                Mr. Lattner.
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                MR. LATTNER:
                               Okay.
                                      Thank you.
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                CHAIRMAN MARKOSEK: Where do you live in
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    Allegheny County?
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                MR. LATTNER: I live in Upper Sinclair
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    Township now.
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                CHAIRMAN MARKOSEK:
                                            That is, for the
                                     Okay.
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    record, Representative John Maher's district; and he's a
    member of our Committee and he's not here this morning,
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25
    but welcome.
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MR. LATTNER: Thank you. Good morning. My name is Thomas Lattner. I'm an Air Pollution Control Engineer with the Allegheny County Health Department Air Quality Program. I'm here at the invitation of the Transportation Committee to speak on behalf of the Health Department regarding our regulations dealing with diesel-powered vehicle idling.

The Allegheny County Health Department has two separate diesel idling regulations already on the books. One regulates idling of diesel-powered school buses and the other regulates idling of diesel-powered motor vehicles, for example, diesel trucks and transit buses. These regulations have been in effect since October 2004 and June 2005, respectively.

In addition, the Health Department's third idling regulation, the Off-Road Diesel-Powered Mobile Equipment Engine Regulation aimed at reducing idling of diesel-powered construction equipment, airport ground-support equipment, industrial, and other non-road equipment, has been approved by the Board of Health and only requires final approval by our County Council and executive branch before it becomes effective.

The ACHD began writing its diesel school bus idling regulation in late 2003, at a time when some 20 states and/or local governments already had diesel

idling regulations. Our school bus idling regulation was developed by addressing some of the considerations for which other agencies, particularly those in Philadelphia and the State of California, had already established regulatory requirements. Then after extensive consultation with members of the environmental and school transportation communities, we adapted some of those requirements and added some of our own to meet the needs of Allegheny County.

Our next two idling regulations followed the same outline with modifications to fit the particular equipment being regulated. All our regulations have the same idling restriction, that is, idling is to be limited to five consecutive minutes, with the exemptions granted by regulation. Those exemptions were crafted to balance the desire to limit idling with the need to protect the health and safety of the vehicle's operator and passengers and not hinder the vehicle from carrying out its intended function. With the effort of stakeholders, we believe that we achieved this balance in Allegheny County's idling regulations and that these regulations are a good fit for our County's needs.

For example, our school bus idling regulation has an exemption that allows cueing at a school where the physical configuration of the school

requires buses to line up for the sequential discharge or pickup of students. Many of our urban schools do not have the space for buses to wait with their engines turned off while their buses discharge or pick up students, instead the school buses move up one at a time to the school entrance to drop off and pick up the children.

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Our diesel motor vehicle idling regulation has an exemption that allows our transit agency to submit an alternative plan for minimizing idling during the morning startup at one of its terminals where many of its buses must be stored outdoors in cold weather.

In addition, our off-road idling regulation has an exemption that recognizes that construction vehicle operators sometimes spend extremely hot or cold days in the cab of a piece of equipment while working in remote locations and allows for idling the engine to provide relief in the form of heating or air conditioning.

The ACHD understands that there are many individual owner-operators of the diesel engines that are regulated or will be regulated under its idling regulations, and to that end, has taken two approaches. First, the regulations themselves require that the owners or operators of the school bus terminals and

construction job sites provide signage at the terminal or job site that describes the essentials of the idling regulations. Second, the ACHD has conducted several mass mailings to provide informational brochures to school bus owners and operators to increase awareness of the idling regulation. We have also enlisted the aid of PennDOT in advertising the regulation on electronic message boards over our major parkways, and we are embarking on a \$10,000 radio advertising campaign to reach truck and transit bus operators.

With regard to enforcement, our idling regulations are written to allow enforcement by any municipal or local government unit having jurisdiction over the place in the county where idling occurs. Of course, our health department inspectors also enforce the regulations and do so mainly on a complaint-received basis. We average ten complaints per year. To date, we have issued six notices of violation, five against school bus drivers and one against a truckdriver. We have no repeat offenders.

Our penalty structure calls for a warning for the first offense, a fine of \$100 for the second offense and fines of \$500 for the third offense and any subsequent offenses. We have not issued any fines yet.

Finally, in addition to reducing diesel

emissions through idling regulations, the ACHD has encouraged and supported the retrofitting of diesel-powered vehicles and equipment in Allegheny County. The Health Department has provided \$184,000 to retrofit 75 school buses in the Penn Hills School District and organize a day-long educational seminar for school districts to enhance their knowledge of the health effects of diesel exhaust pollution, the diesel idling regulation and the different types of diesel retrofit equipment available to reduce diesel pollution. Currently, the ACHD has \$500,000 in grant money available to school districts in the county that desires to retrofit their school buses. The ACHD is also a supporter of the organizations working in the County and Southwestern Pennsylvania who are seeking federal funding for retrofit projects through the US Department of Transportation's Congestion Mitigation and Air Quality Programs. The ACHD recognizes that reducing pollution from diesel-powered vehicles and equipment is an important objective, and we believe that our idling regulations and related retrofit efforts are helping to meet that objective in Allegheny County.

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Thank you for the opportunity to speak today.

CHAIRMAN MARKOSEK: Okay. Thank you very

much. We have a volunteer, Mr. Au, of the Clean Air Board of Central Pennsylvania.

MR. AU: Thank you.

CHAIRMAN MARKOSEK: Yes, sir.

MR. AU: Good morning. My name is Thomas

Au. I'm here today on behalf of the Clean Air Board of

Central Pennsylvania. The Clean Air Board was formed in

the Fall of 2005 after over 100 Cumberland County

physicians signed a open letter informing the community

of the growing danger of ozone and particulate

pollution.

These medical professionals observed that many of the health problems that they see were due to air pollution, and I won't speak to the medical problems. Dr. Carey, who is a member of our board, is here today and will probably speak to that. But the Clean Air Board includes people from many walks of life, ministers, teachers, doctors, lawyers, businessmen, civic leaders, students and ordinary citizens; and Mr. Runk who spoke to you earlier is a member of our board and we welcome his contributions and we've talked to PMTA and members of PMTA in the process.

The Clean Air Board is a faith-based citizens' initiative dedicated to achieving clean air to protect our health and quality of life. We accomplish

our mission by raising public awareness of air quality issues, advocating, promoting and coordinating policy and practices for clean air and by monitoring free air quality. Clean Air Board's entirely a volunteer organization. We have no paid staff members.

One of the air pollution problems that the board has identified is the concentration of diesel exhaust emissions at rest stops, truck stops, and along the side of the roads. Due to the extensive interstate road system and geography, Pennsylvania has become a transportation and distribution hub for the nation. We are a vital part of the interstate economy, a good thing; however, too much of a good thing has negative effects. In every truck that idles over a long period of time to rest adds pounds of ground-level pollutants to the air we breathe.

Now, the Clean Air Board examined strategies that can significantly reduce the amount of air pollution produced by diesel engines. Idling by large diesel-powered vehicles contributes significantly to the ground-level fine particulate pollution and also leads to the formation of ozone.

The Clean Air Board has met with local governments, the trucking industry, school bus operators, civic groups to better understand the

problems that truck and bus drivers face if a regulation or statute is adopted. And we have been over every group that we could think of to meet with them, and we filed a petition with the Environmental Quality Board to adopt a statewide regulation to limit idling by commercial diesel-powered vehicles and buses.

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The Board also discussed the problem of enforcement with municipalities and their police forces, the Pennsylvania State Police and the Department of Environmental Protection and with the two counties which already have idling limitations, Philadelphia and Allegheny.

In our discussions, we came to an understanding that a public education program is necessary to ensure the drivers are aware of the problems and aware of the requirements of law. Fines must be at a level that deters violators and an enforcement plan must be practical and credible, and compliance will follow from a broad public education effort and even-handed enforcement that was discussed this morning.

The Board also recognizes that certain operational needs of the transportation industry may require some amount of filing. We believe that the exemptions included in Senate Bill 295 accommodates

those operational needs. We also recognize that idling for the sole purpose of heating and cooling of cabs can be made unnecessary by the application of appropriate modern technology, the things that were discussed this morning. Excessive idling unnecessarily wastes fuel, and we've heard the comment that one gallon of diesel fuel is burned for every hour spent idling. estimates that diesel trucks spend 22.3 million hours a year idling in Pennsylvania. That's the long-term idling. And if each of those 13,000 long-haul vehicles that idle in Pennsylvania each day use alternative means of providing power for rest periods, diesel fuels could be cut by 20 million gallons per year. We think that's a considerable cost savings and the transportation industry recognizes the economic value of reducing idling time.

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The residents of Cumberland County are well aware of the diesel exhaust pollution. The engineering firm of Michael Baker, Jr., who are consultants to DEP and PennDOT concluded that Cumberland County experiences the highest number of long-duration idling hours in the Commonwealth, over 2.2 million idling hours. Luzerne County, which is also a major hub of warehouses and transportation facilities, is the county which experiences the second highest number of idling hours,

nearly 2 million hours.

The comment period for the DEP regulation closed recently, and the Clean Air Board submitted comments to the proposed regulations and petitions signed by over 1700 Central Pennsylvania residents which supported the proposed regulations.

At another hearing held in Pittsburgh, petitions signed by 800 people were submitted by other groups. Although we have worked with DEP toward adopting regulations, we recognize that Senate Bill 295 is another vehicle to achieve the same result as imposing limits on idling emissions.

Idling emissions are a growing problem due to the increase of long-haul diesel truck travel along the highways of the Commonwealth. Where diesel trucks and buses congregate at truck stops, rest stops, parking lots, the concentration of emissions is especially harmful to those who have to breathe it, the workers, the drivers, and the residents who live nearby. The Harrisburg Patriot News, the Lebanon Daily News and the Carlisle Sentinel, Central Pennsylvania's local papers have recognized the problem that diesel idling causes and have expressed their opinions in their editorial pages.

Along with the direct emission of harmful

fine particulate, diesel-powered vehicles emit nitrogen oxide and volatile organic compounds, both of which contribute to ground-level ozone and particulate matter pollution.

While we believe that Senate Bill 295 is consistent with the rules which other states have adopted, we attached those rules as part of our testimony and those were prepared by the American Transportation Research Institute, along with the American Trucking Association. Pennsylvania's the only state in the mid-Atlantic region that doesn't have a diesel idling rule. The current situation may encourage operators to rest in Pennsylvania and idle their trucks in Pennsylvania, thereby aggravating our air pollution problems. Other communities in Pennsylvania, such as those along I-80 in Luzerne County and along I-78 in Lehigh Valley, may also receive a disproportional share of long-term idling emissions.

Now, as Mr. Keen testified, many of our trucking companies have installed auxiliary power systems, basically generators, battery-operated systems, and other idling reduction systems on their trucks to avoid the need to run the main engines to heat or cool the cab during their rest periods. And technology has been developing pretty rapidly to ensure that the

comfort of the drivers is maintained during the long rest periods.

Among other things that the Commonwealth has done, it has supported the installation of the IdleAire heating and cooling systems, along with several truck stops in Pennsylvania. I believe there are four existing truck stops in the Commonwealth which have both IdleAire systems with the Commonwealth's support.

The May 1st, 2010 expiration date for the temperature related exemption of idling during the rest periods provides companies and drivers with sufficient time to install bunk heaters, battery-operated systems, generators. And one thing this Bill does, it encourages truck operators to use the existing facility electrification systems, such as IdleAire, if they are installed and available for use.

We found that many times at the Carlisle

Truck Stop, the IdleAire systems are not being used

during, you know, hot summers or cold winter days even

though they're available. We think this is a sensible

requirement, and we support it. The Bill limits idling

by school buses, and we think this is particularly

important to protect school children from unnecessary

exposure to diesel emissions. Young people's lungs are

especially sensitive to the effects of diesel exhaust

pollution, and we do not support any additional exemptions for idling other than the ones listed in Senate Bill 295. One of those existing provisions says that trucks may idle for maintenance, servicing, repair, if idling is required for that activity; and I believe that answers Mr. French's concern about getting the particulate filters recharged or cleaned.

The Clean Air Board thinks that turning truck engines on and off while waiting to load and unload is not an unreasonable burden.

The Clean Air Board wants to publicly thank the members of this Committee and the transportation industry for their interest in the Bill. You've listened to our concerns. And working together, we think we can reach a commonsense solution to the problems presented by diesel idling. And in the end, we believe you can adopt effective legislation.

Thank you.

CHAIRMAN MARKOSEK: Okay. Thank you. Next we'll hear from Dr. Carey. And then, Mr. Stewart, you'll get the last word.

Dr. Carey.

DR. CAREY: Thank you. I'm a practicing physician in Carlisle at 360 Alexander Spring Road. In 1970, the United States created the Clean Air Act, which

regulates five pollutants in ambient air. Those pollutants are carbon monoxide, sulfur dioxide, nitrogen dioxide, ozone, and particulate matter. It is particulate matter that is the concern today.

The Clean Air Act requires that these pollutants be regulated at a level that protects public health with an adequate margin of safety. In 1997, the EPA established the National Ambient Air Quality Standard for PM 2.5. PM 2.5 is the particulate matter fraction that is 2.5 microns in size or about 1/20th the diameter of a human hair. It is often referred to as fine particulate pollution.

This particle size is thought to be most harmful to humans, because it readily penetrates the lung. In 2005, EPA designated Cumberland County as a non-attainment area for PM 2.5. Two years later, in 2007, Cumberland County was designated as the 17th most polluted county in the United States.

The air we breathe is not clean. According to EPA, the median annual PM 2.5 concentration in urban areas of the United States is 13 micrograms per meter cubed. The median concentration for non-urban areas like Carlisle is 8 micrograms per meter cubed.

Cumberland County's annual average is greater than 15 micrograms per meter cubed, almost twice that of other

non-urban communities.

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Again I say, the air we breathe is not clean. A significant source of harmful particulates in Cumberland County is diesel exhaust from idling trucks. Diesel exhaust is one of the most toxic substances known to man. The scientific evidence that it is harmful is overwhelming. Literally hundreds of scientific studies document this fact. I have provided you with a sampling of the published evidence (indicating), over 100 scientific articles that are guaranteed to put you to sleep if you choose to read them.

Diesel exhaust is a mixture of particulate matter, harmful gases, and chemical compounds containing 40 known toxic substances. As we breathe these harmful particulates, they penetrate our lungs where it causes a variety of heart and lung diseases. Particulate-related illness occurs in all age groups, running the gamut from newborn to the elderly with pre-existing heart and lung disease.

In children, exposure to particulate matter is associated with neonatal death, for example, crib death, abnormal lung development in children, and increased morbidity from asthma. Children are especially vulnerable to the harmful effects of diesel particulates. The lungs of children are immature at

birth and continue to develop until age 18.

Exposure to harmful particulate matter causes developmental lung defects that are permanent. In adults, it is associated with exacerbation of lung disease and the precipitation of heart attacks. It is a known cause of lung cancer, and it is associated with an increased risk of premature death.

According to the Clean Air Task Force, exposure to PM 2.5 is responsible for 21,000 premature deaths each year in the United States, five times the number of tragic deaths that have occurred in Iraq. The harmful effects of PM 2.5 in our Commonwealth, rank Pennsylvania as the third most negatively impacted state in the country.

I have practiced pulmonary medicine in Carlisle for 27 years. In August of 2006, I wrote an open letter entitled "The Air We Breathe", outlining the harmful effects of diesel particulates in Cumberland County. The letter was cosigned by 100 physicians from Cumberland County and was published in both the Sentinel and the Patriot.

My experience in Cumberland County parallels that of national observations. I have witnessed an increased frequency and severity of asthma and other lung-related illnesses in the past ten years. I also

have concerns regarding the increased number of lung cancers I have diagnosed in nonsmokers, especially young women. My pediatric colleagues also struggle with the increase in childhood respiratory illnesses. Elementary schools in Carlisle report increased numbers of students with asthma and increased use of inhalers. In the past, the Pennsylvania Department of Health has reported that mortality from asthma in Cumberland County is higher than the state average.

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In addition to the physicians who cosigned my open letter, my position is supported by the Cumberland County Medical Society, the Dauphin County Medical Society, and the Pennsylvania Medical Society. The Pennsylvania Constitution guarantees each citizen of the Commonwealth the right to breathe clean air. A statewide anti-idling regulation is not the sole answer to this environmental crisis. It is, however, a reasonable step that is long overdue. It is one we can all live with.

Remember, as the American Lung Association states, when you can't breathe, nothing else really matters.

Thank you for your attention.

CHAIRMAN MARKOSEK: Okay. Thank you,

Doctor. Very sobering testimony there.

Mr. Stewart, you get the last word here, sir, the American Lung Association.

MR. STEWART: Good morning, Mr. Chairman, and members of the Committee. My name is Kevin Stewart. I am Director of Environmental Health for the American Lung Association of Pennsylvania, and I thank you for the opportunity today to testify on Senate Bill 295 and for your attention.

The American Lung Association of

Pennsylvania advocates for and represents not only on
the order of a million Pennsylvanians who suffer from
chronic lung disease, but also the millions more who
desire to breathe clean air and so protect their good
health.

I do apologize for the inconvenience, but let me point out that the version of our full testimony in your packets is not quite our final draft and Executive Director Ritter has been provided with the final version, which should be used as the one in the record; and I think you all have copies of the one that she has been provided.

Emissions from the idling of motor vehicles and especially those produced by long-duration idling of diesel-powered motor vehicles has been recognized as a serious health concern throughout the Commonwealth, most

notably in situations where buses and trucks are congregated. The American Lung Association has long advocated for stronger controls of diesel exhaust since it is such a serious air pollutant. As you've heard, it is a complex mixture of gases, solid particles, condensed matter; and we have learned that it affects public health in four distinct ways. As both Deputy Secretary Fidler and Dr. Carey pointed out, diesel exhaust has been recognized as a known cause of cancer. Two, it contains dozens of toxins that are known to interfere with the nervous, reproductive, and immune systems. Three, 90 percent of its particulate emissions are of the fine variety, the fraction most clearly linked with premature death. Among all highway vehicles, heavy-duty diesel vehicles contribute to about three-quarters of the fine-particle emissions.

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And last but not least, it is responsible for nitrogen oxides, a precursor of ground-level ozone, a powerful respiratory irritant that inflames lung tissues, exacerbating asthma and other lung diseases, sending people to the emergency room and also resulting in premature death.

In their deliberations, we ask the members of this Committee to remember that air pollution worsens and causes disease and even death for real people. In

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Pennsylvania, the populations at increased risk from
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    particle pollution include infants, youngsters, and the
    elderly, persons with chronic lung and heart disease and
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    diabetes. While we estimate that on the order of about
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    half of the Commonwealth's population is described by at
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    least one of these categories, every one of these
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    millions is a real person, not a nameless statistic.
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    Every one of these people is a family member, a
    neighbor, a coworker, a friend, someone whose life and
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    health deserve to be protected; and therefore, the
    American Lung Association of Pennsylvania strongly
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    supports Senate Bill 295 and encourages this Committee
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    and the full House to resist making any weakening
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    changes.
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                Thank you.
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                CHAIRMAN MARKOSEK:
                                     Okay.
                                            Thank you.
                                                        Dr.
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    Carey, for whatever reason, we can't find your letter.
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    So if you could just get us one and we'll distribute it
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    throughout the --
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                MS. WOLFE:
                            We have it.
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                                     There is one?
                CHAIRMAN MARKOSEK:
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                MS. WOLFE:
                            We have it.
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                CHAIRMAN MARKOSEK: Okay.
                                            Amanda tells me
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    she has it, so sorry about that. Thank you.
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                I have a question for Mr. Lattner from
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Allegheny County. In your testimony, you mentioned on the second page down here, the last paragraph, the Health Department has provided \$184,000 to retrofit 75 school buses in Penn Hills School District and organized a day-long educational seminar, and then you go on to say there's more money available. I guess, why Penn Hills, and how do I get it for my district? If Tony DeLuca's going to get it at Penn Hills, then, by golly, I want some for my district.

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MR. LATTNER: I think, initially, when we started back in 2003, the idea came to the Health Department Director. He was in favor of doing a small pilot project with Clean Air Fund money and it sort of took off at the Board of Health meeting to the point where they said, Let's do some whole school district. And, you know, I couldn't tell you why Penn Hills was selected as that first trial project; but I think it was a matter of someone on the Board of Health suggested it. And so that was our first retrofit project that we did. So Penn Hills was sort of given this money. They didn't even know it was coming. It just showed up on their doorstep one day and we asked them, would you be interested in doing a retrofit project? So that was the first project we did. And then I think in -- well, since then, the Board of Health approved a half a

million dollars. And, ironically, that money's been out there since January of '07. We contacted all the school districts and told them that the money was there and they were to apply by March of '07. We didn't get a single application. So since then, we've been trying again and we now have two school districts that want to retrofit their buses, 2 out of 42. Now we have maybe three districts that have already done some sort of retrofit, so you might say 2 out of 39 districts. City of Pittsburgh has its own retrofit project going, another half million dollars from Heinz and Company. 2 out of 39 districts applied for our \$500,000, and they only want to put on diesel oxidation catalysts. And the problem is that most school districts contract their bus service, and apparently the contractors don't want to be bothered. So here we have a half million dollars and no takers, essentially. CHAIRMAN MARKOSEK: Well, I think you may hear from me. MR. LATTNER: Great. We'd love to hear from you. CHAIRMAN MARKOSEK: Three school districts in Allegheny County and my district, so we'll see if they're interested. Any other -- Representative Gabig. REPRESENTATIVE GABIG: I just want to,

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again, thank the Chairman and his staff for organizing this hearing and for considering this legislation.

I think the members of the Committee have heard from people from my district, but you can also see it's a statewide issue; and I have no pride of authorship. I basically copied the regulation, where mine came from; it was called the Carlisle Clean Air Board at one time. Now it's the Central Pennsylvania. But that's where -- and then our staff came up and put it in legislation in the previous -- there is a retrofit, and I'm going to check to see if the Chairman's a cosponsor on it. I'll get it to him. And I also introduced to have to do with getting these pre'07 trucks on for state retrofit to encourage those.

One of the problems, all the buses aren't diesels either. There's gas-powered buses, and so I don't know what that issue is in Allegheny County. So there's some issues statewide on the buses. That's a federal, and there's grant money out there; but there's nothing for the commercial trucks and so that's why I think with DEP support hopefully we can start to talk about that. And I know the trucking industry's also interested in that. But whatever I can do as a nontransportation or a wannabe, however the Chairman would say it, I know his son lives in Cumberland County.

He's a Cumberland County resident; great high school basketball player at my alma mater actually, and so he's connected to Cumberland County. And anything I can do to help move this legislation along, I would certainly be more than willing to work with the Chairman.

CHAIRMAN MARKOSEK: Thank you.

Representative Miller.

REPRESENTATIVE MILLER: Thank you, Mr.

Chairman. You know, it's interesting that Deputy

Secretary Fidler testified that we should have increased the level of the fines and penalties because of the fact that other states around us are higher than what we're proposing possibly and that he thought that could lead to increased usage in Pennsylvania and they might use us as a stopover, layover type thing.

And then, basically, Mr. Lattner testified that the Health Department Inspectors enforce the regulations. They average ten complaints per year. They have issued six notices of violations and they've had no repeat offenders. So I guess my question is, in Allegheny County we've seen this increase. Is there any way that you could give us any insight? Has there been an increase in the truck community that is using Pennsylvania as a layover spot possibly to avoid these other states?

MR. FIDLER: Well, I think that's a particularly interesting point, because I don't know that we have any official truck stops in Allegheny County. We might have rest stops off the interstates; but to my knowledge, we don't really have truck stops. And along that line, I would say that our regulations are developed, I would think, from more of the delivery type trucks, not so much for massive gatherings of trucks that are idling. Ours is -- we start out with the school buses and then we went to trucks and transit These are vehicles that are operating within the community, so I don't think that I could tell you that there's any evidence that shows that people are coming from, you know, certainly not in Allegheny County. They're just passing through Allegheny County. pass through on the Turnpike. They pass through on 79. They stop probably outside of the county on 79 at Washington County or somewhere else. But, no, I don't think we have any evidence because we're more of a pass-through for long haulers. REPRESENTATIVE MILLER: Okay. I appreciate that dynamic. Thank you, Mr. Chairman. CHAIRMAN MARKOSEK: Okay. Thank you. Seeing no other questions, I want to thank all of our folks here today, the gentlemen and everybody else that

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testified. I thank the Committee and the visitors that we had on the Committee. Couple of real short things here. We do have written testimony, also, from Steven P. Hershey, Vice President of Regulatory and External Affairs Philadelphia Gas Works.

And for the members who are here, we have a tentative meeting April 28th; that's Monday afternoon.

tentative meeting April 28th; that's Monday afternoon.
We are not in session that week, and we're tentatively looking at a hearing. I'm not even sure exactly what the subject matter will be, probably will be something to do with infrastructure that afternoon. We will have an off-site meeting that evening and a tour of a transportation locale Tuesday morning as well, at least that is all being tentatively planned on right now; so that's Monday the 28th and Tuesday morning the 29th of April.

So with that, I want to thank everyone; and the meeting's adjourned.

(The hearing concluded at 11:30 a.m.)

CERTIFICATE I hereby certify that the proceedings and evidence are contained fully and accurately in the notes taken by me on the within proceedings and that this is a correct transcript of the same. Tracy L. Markle, Court Reporter/Notary