Appendix B

Public Outreach

Do you own off-road diesel vehicles?

The Air Resources Board (ARB) is working on a regulation that could impact your business and cost you money. The proposed In-Use Off-road Diesel Vehicle Regulation would reduce the public's exposure to cancer-causing diesel exhaust and other pollution from diesel vehicles.

The proposed regulation may require you to retrofit, repower, or replace your off-road diesel-fueled vehicles gradually over the next decade. The proposed regulation could require you to take action to begin cleaning up your fleet as early as 2008 and will affect off-road mobile diesel vehicles greater than 25 horsepower, such as loaders, backhoes and others. It will not affect equipment like generators that is towed. Such "portable equipment" is addressed by another program.

ARB is holding public workshops to discuss the proposed regulation in late February and March 2007 in San Diego, Sacramento, Riverside, and Fresno. For more information please visit our website at: http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm or contact our Public Information Office at 1-800-242-4450.

California Environmental Protection Agency

Air Resources Board

Air Resources Board
Mobile Source Control Division
1001 I Street
Sacramento, CA 95812

Air Resources Board

Cindy K. Tuck, Chair
9480 Telstar Avenue, Suite 4
El Monte, California 91731 www.arb.ca.gov

Alan C. Lloyd, Ph.D.
Agency Secretary

Arnold Schwarzenegger
Governor

July 22, 2005

Dear Sir or Madam:

I am writing to tell you about a future Air Resources Board regulation that could affect construction equipment that you own. The regulation will require changes to diesel-powered equipment in order to provide cleaner air to Californians. It will affect equipment, such as skid steers, backhoes, forklifts, loaders, and excavators. If you own this type of equipment, it will most likely cost you money to comply with this regulation. Therefore, we want you to be involved as we develop a regulation that protects public health, yet is affordable to you.

We are surveying how off-road equipment is used in construction. We would like you to participate in this survey. To receive the survey, please fill out the form on the back, fold and seal so that ARB's address shows up on the outside; and return the postage paid form. You can also go to http://www.arb.ca.gov/msprog/ordiesel/orsurvey/intro.htm and fill out the survey on-line. If you have any questions, please contact Ms. Jackie Johnson at (916) 323-2750.

Sincerely,

Annette Hebert, Chief
Heavy-Duty Diesel In-Use Strategies Branch

----------FOLD HERE----------

Return Address
California Air Resources Board
Mobile Source Control Division
Attn: Jackie Johnson
P.O. Box 2815
Sacramento, CA 95815

Place
Stamp

California Air Resources Board
Mobile Source Control Division
Attn: Jackie Johnson
P.O. Box 2815
Sacramento, CA 95812

Tape or Staple Here

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: http://www.arb.ca.gov.

Printed on Recycled Paper

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Air Resources Board Off-Road Equipment Survey Request Form

_____ I would like to receive a copy of ARB's Off-Road Equipment Survey. Please mail it to the following address:

_____

_____

_____

_____ I would like to receive future information about the off-road mobile equipment control measure by email. My email address is:

_____

Air Resources Board

Robert F. Sawyer, Ph.D., Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

February 5, 2007

RE: Proposed Regulation for Off-Road In-Use Diesel-Powered Construction, Mining, Industrial, GSE, and Other Off-Road Diesel Vehicles

Dear Airport Manager:

The purpose of the proposed regulation is to reduce diesel particulate matter (PM) and other emissions from in-use off-road diesel-fueled vehicles (25 horsepower and greater engines) operating in California. It would apply to a wide variety of self-propelled vehicles (the engine provides the motive power) used in construction, mining, industrial operations, and airport ground support equipment (GSE) such as aircraft pushback tugs, baggage and cargo tugs, carts, forklifts and lifts, ground power units, air conditioning units, belt loaders, and other equipment.

The Air Resources Board (ARB or Board) will hold four public workshops to discuss ARB's proposed in-use off-road diesel vehicle regulation. The workshops will be held in February and March. A live internet broadcast (webcast) will be available for the Sacramento workshop. The workshop notice is at http://www.arb.ca.gov/msprog/ordiesel/documents/Revised_Off-Road_Workshop_Notice.pdf

This letter is part of our outreach to provide information that the State Of California is proposing, to which many airports, and airport-related businesses and services, will have to comply. We would appreciate if you pass along this information to other businesses and services at your airport, including fixed-based operators, baggage and fueling services, maintenance, and any other on- and off-airport services, which may be affected by this regulation.

For more information see the enclosed flyer, and visit http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm. To receive an email notice when new information has been posted to this website, sign up using the E-Mail List Server link.

The ARB is also developing a regulation to reduce emissions from in-use on-road privately-owned heavy-duty diesel powered vehicles operated in California. Information on this rule development is available at http://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm

If you have further questions, you may also contact Mr. Tony Brasil, Manager, at (916) 323-2927, or by email at abrasil@arb.ca.gov, or Ms. Kim Heroy-Rogalski, Staff Air Pollution Specialist, at (916) 327-2200, or by email at kheroyro@arb.ca.gov.

Sincerely,

Tony Brasil

Tony Brasil, P.E.
Manager, In-Use Control Measures Section

Enclosure

Frequently Asked Questions

Proposed In-Use Off-road Diesel Vehicle Regulation

Q: What will the proposed regulation require?

A: If the rule is adopted as proposed, beginning in 2008, anyone who owns off-road diesel vehicles of 25 horsepower or more operating in California will need to report their vehicle information to the Air Resources Board. In later years, they will need to ensure that their fleet of off-road diesel vehicles is clean enough to meet the tailpipe emission targets set by the regulation. If a fleet does not meet the targets, then the owner must gradually take actions to clean the fleet including, installing exhaust retrofits, engine repowers, or replacing vehicles with cleaner new or used vehicles.

Q: Will the regulation apply to me?

A: Owners of diesel-powered construction equipment such as crawler tractors, excavators, loaders, skid steers, backhoes, and diesel mining, industrial or airport ground support equipment such as forklifts will need to comply with the regulation. The regulation applies only to self-propelled vehicles; it does NOT apply to portable equipment such as generators, wood chippers, and pumps. Some equipment with two engines, like cranes, may have an engine subject to this regulation and one subject to the portable equipment regulation.

Q: Will I have to get rid of my vehicle?

A: No, the rule does not require that a vehicle owner sell or otherwise get rid of any particular vehicle, although you may need to repower some older, dirtier engines. To accommodate the wide variety of businesses operating in California, the regulation provides flexibility in how you may choose to comply with the regulation.

Q: How much will it cost me?

A: The cost of complying will depend on your specific fleet of vehicles, your normal business practices, and the strategy you choose to comply with the regulation. To allow you to meet the requirements of the regulation with the least expense, the regulation provides a number of methods to demonstrate compliance. If you normally operate very clean vehicles and regularly purchase new equipment, there may be little cost to comply with the regulation. On the other hand, if you typically operate very old, dirty equipment, your costs could be substantial. However, the ARB designed the regulation to avoid unreasonable costs to less financially robust businesses.

Q: Why is this regulation needed?

A: Diesel exhaust emissions from construction equipment and other diesel engines are a serious health risk responsible for more than 1,000 premature deaths per year in California. People breathing the fumes from diesel engines have an increased risk of asthma, bronchitis, and respiratory and cardiovascular ailments. By cleaning up off-road diesel engines, this regulation will reduce the risk of illness and premature death to Californians.

Q: How can I participate in the rulemaking process?

A: Workshops will be held at various locations in February and March 2007, and we welcome your participation. For details, go to http://www.arb.ca.gov/msprog/ordiesel/workshops.htm. For more information about the proposed rule, please go to http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm.

Attention Owners of Off-Road Diesel Vehicles

The State is Developing a Regulation that Could Affect You

The new rule is aimed at reducing diesel particulate matter and other emissions from **existing off-road diesel engines operating in California.**

The Proposed Regulation Will Affect:

- √ **Diesel off-road vehicles 25 horsepower and up including**
  - construction equipment such as crawler tractors, loaders, skid steers, and backhoes
  - diesel mining, industrial or airport ground support equipment
  - other self-propelled vehicles, like forklifts
- √ Will **NOT** affect equipment used in agricultural operations
- √ Will **NOT** affect equipment like a portable generator that is towed
- √ Will **NOT** affect vehicles and equipment already covered by another regulation or agreement

Key Parts of the Proposed Regulation:

- √ Label each vehicle with an ID number
- √ Report vehicle information to the Air Resources Board
- √ Meet average tailpipe emission targets for your fleet
  - may require installing of exhaust retrofit devices
  - may require accelerated replacement of vehicles or engines

To Comment on the Proposed Regulation:

- √ To comment or for more information,
  - go to http://arb.ca.gov/msprog/ordiesel/ordiesel.htm or
  - telephone: 800-242-4450
- √ **Workshops** will be held at various locations in February and March, 2007.
  - We welcome your participation.
  - For workshop dates, go to http://arb.ca.gov/msprog/ordiesel/workshops.htm

Rev. January 26, 2007

Air Resources Board

9480 Telstar Avenue, Suite 4
El Monte, California 91731 www.arb.ca.gov

Alan C. Lloyd, Ph.D.
Agency Secretary

Arnold Schwarzenegger
Governor

November 17, 2005

Dear Sir or Madam:

I am writing to inform you about a future Air Resources Board (ARB) regulation that could affect off-road equipment used in mining operations. The purpose of the regulation is to reduce diesel particulate matter (PM) emissions from in-use (existing) off-road equipment in California. Such equipment is used in construction, mining, and industrial operations. Examples of types of equipment that will be affected by the regulation include loaders, backhoes, and excavators. The regulation will require changes to in-use diesel-powered equipment greater than 25 horsepower. We are developing this regulation as part of ARB's Diesel Risk Reduction Plan, which is designed to reduce diesel PM emissions from various sources.

We would like you to participate in a survey we are conducting in order to give us a better understanding of your business practices, such as, purchasing, leasing, and idling policies for diesel off-road equipment. The information that we obtain from your response to this survey will benefit all parties as we develop the regulation. The information you provide in the survey will be very valuable to us. If you have already completed the survey, there is no need to fill it out again. We would like all survey responses by February 15, 2006.

We prefer that the survey be completed on-line at our website: http://www.arb.ca.gov/msprog/ordiesel/orsurvey/intro.htm. However, you can fill out the enclosed copy of the survey and mail it to:

California Air Resources Board
Mobile Source Control Division
Attn: Jackie Johnson
P.O. Box 2815
Sacramento, CA 95812

If you have any questions regarding the regulation, please contact Ms. Kitty Martin, Manager, at (916) 324-1362.

Sincerely,

Annette Hebert, Chief
Heavy-Duty Diesel In-Use Strategies Branch

Enclosure

cc: Ms. Kitty Martin
Manager
In-Use Control Measures Section

Ms. Jackie Johnson
Air Pollution Specialist
In-Use Control Measures Section

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: http://www.arb.ca.gov.

Air Resources Board

Robert F. Sawyer, Ph.D., Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

February 22, 2007

RE: Proposed Regulation for Off-Road In-Use Diesel-Powered Construction, Mining, Industrial, and Other Off-Road Diesel Vehicles

Dear Portable Equipment Owner:

This letter is being sent to you because you have equipment registered with the Air Resources Board's (ARB or Board) statewide portable equipment registration program. This letter is to inform you that ARB is proposing a regulation to reduce diesel particulate matter (PM) and other emissions from in-use off-road diesel-fueled vehicles (25 horsepower and greater engines) operating in California. It would apply to a wide variety of self-propelled vehicles (backhoe, bulldozer, etc) used in construction mining, industrial operations, airport ground support equipment, and other equipment. The proposed regulation will not cover portable equipment (generators, pumps, welders etc), which is already subject to an existing ARB regulation. For more information, please see the enclosed documents, and visit http://www.arb.ca.gov/msprog/ordiesel/ordiesel.htm. To receive an email notice when new information is posted to this website, sign up using the E-Mail List Server link.

ARB is also developing a regulation to reduce emissions from in-use on-road privately-owned heavy-duty diesel powered vehicles operated in California. Information on the development of this rule is available at http://www.arb.ca.gov/msprog/onrdiesel/onrdiesel.htm

If you have further questions, please contact Mr. Tony Brasil, Manager at (916) 323-2927 or by email at abrasil@arb.ca.gov; or Ms. Kim Heroy-Rogalski, Staff Air Pollution Specialist at (916) 327-2200 or by email at kheroyro@arb.ca.gov.

Sincerely,

Tony Brasil

Tony Brasil, Manager
In-Use Control Measures Section

Enclosures

cc: Ms. Kim Heroy-Rogalski,
Staff Air Pollution Specialist
In-Use Control Measures Section

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website: http://www.arb.ca.gov.

Air Resources Board

9480 Telstar Avenue, Suite 4
El Monte, California 91731 www.arb.ca.gov

Alan C. Lloyd, Ph.D.
Agency Secretary

Arnold Schwarzenegger
Governor

November 17, 2005

Dear Sir or Madam:

I am writing to inform you about a future Air Resources Board (ARB) regulation that could affect off-road equipment used at solid waste and recycling facilities, such as landfills, transfer/processing stations, composting, and metal and tire recycling facilities. The purpose of the regulation is to reduce diesel particulate matter (PM) emissions from in-use (existing) off-road equipment in California. Examples of types of equipment that will be affected by the regulation include loaders, backhoes, and excavators. The regulation will require changes to in-use diesel-powered equipment greater than 25 horsepower. We are developing this regulation as part of ARB's Diesel Risk Reduction Plan, which is designed to reduce diesel PM emissions from various sources.

We would like you to participate in a survey we are conducting in order to give us a better understanding of your business practices, such as, purchasing, leasing, and idling policies for diesel off-road equipment. The information that we obtain from your response to this survey will benefit all parties as we develop the regulation. The information you provide in the survey will be very valuable to us. If you have already completed the survey, there is no need to fill it out again. We would like all survey responses by February 15, 2006.

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California Environmental Protection Agency

Printed on Recycled Paper

If you have any questions regarding the regulation, please contact Ms. Kitty Martin, Manager, at (916) 324-1362.

Sincerely,

Annette Hebert, Chief
Heavy-Duty Diesel In-Use Strategies Branch

Enclosure

cc: Ms. Kitty Martin
Manager
In-Use Control Measures Section

Ms. Jackie Johnson
Air Pollution Specialist
In-Use Control Measures Section