

# Memorandum of Agreement Regarding Enforcement of Motor Vehicle Idling

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Transportation and Environment Committee  
January 14, 2008

# Outline

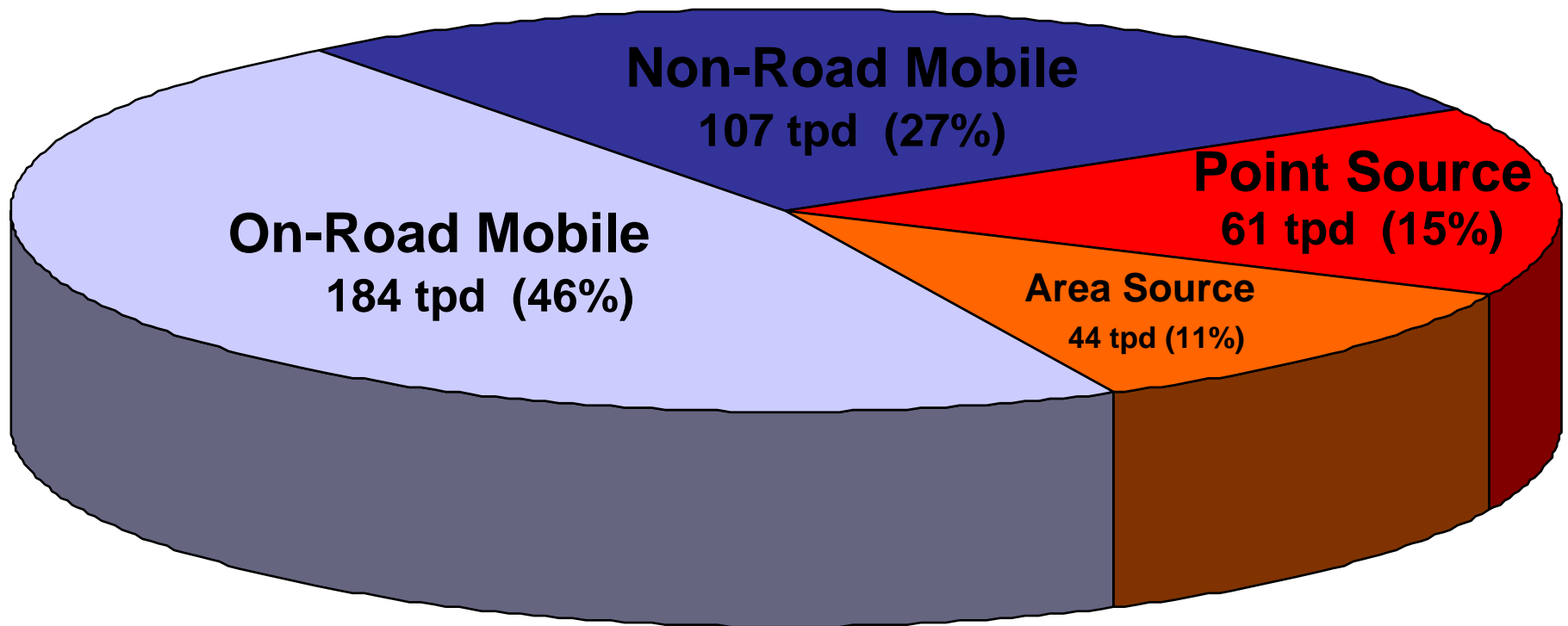
- Status of Air Quality for DFW
- City of Dallas Idling Ordinance
- 2009 9-County NOx Emissions Inventory
- 2009 9-County On-Road Inventory
- Effects of Idling
- State Implementation Plan and Locally Enforced Idling Restriction
- City of Dallas Idling Ordinance
- Memorandum of Agreement
- Next Steps

# Status of Air Quality in DFW

- Environmental Protection Agency (EPA) sets a standard for the acceptable level of air quality in the region
- DFW region does not meet the standard
- EPA has given us a deadline of 2010 to comply with the standard
- If a region exceeds the EPA limits for a period of time the federal government can impose consequences including:
  - Loss of highway funds
  - Loss of Community Development Block Grant funds
  - Stricter permit limits
- State Implementation Plan: Plan to come into compliance with standard is short 14 tons.
- Need for additional emission reductions

# 2009 9-COUNTY NO<sub>x</sub> EMISSIONS INVENTORY

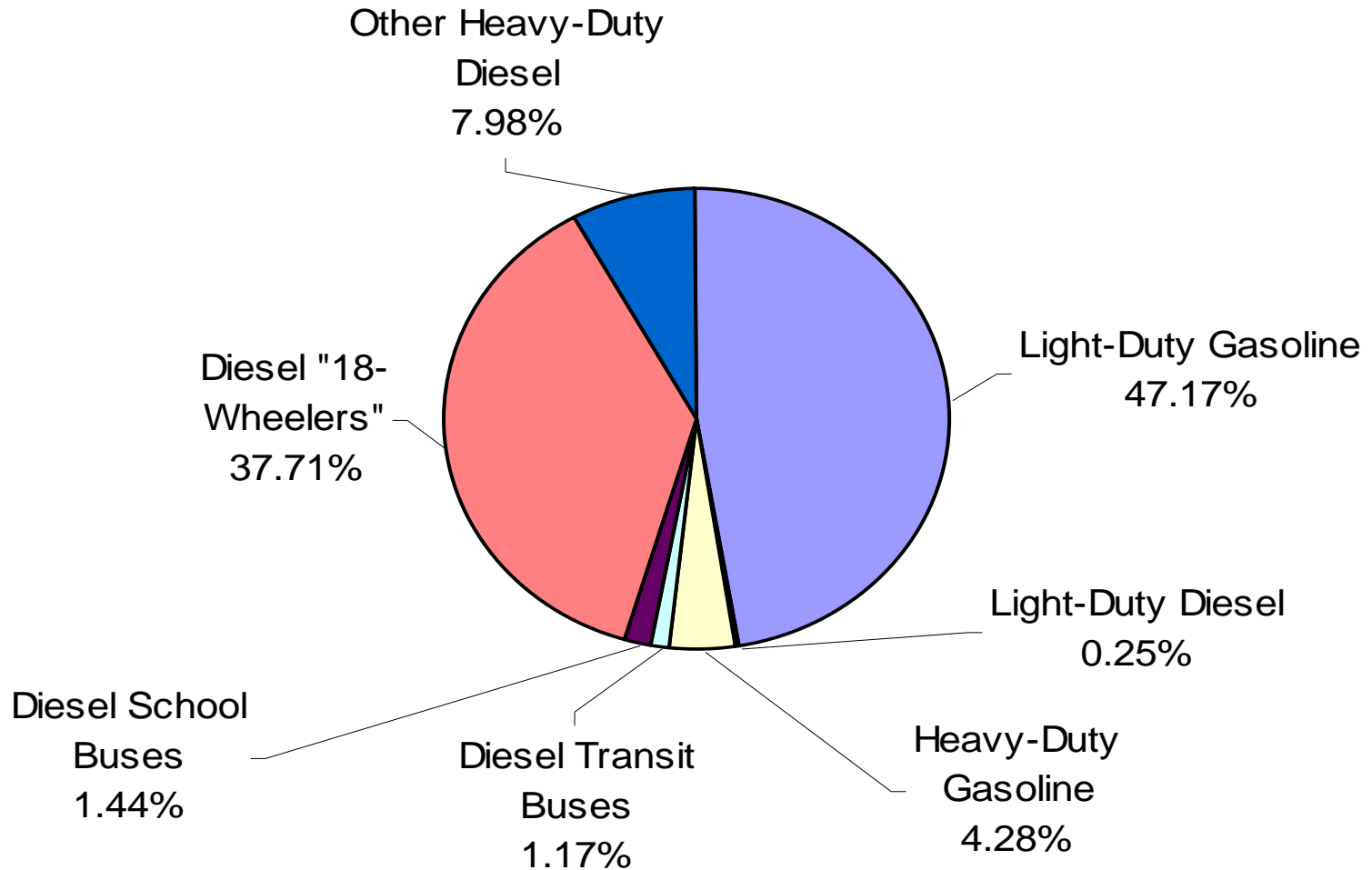
## DFW Source Category Estimates



Total NO<sub>x</sub> = 396 Tons per Day (TPD)

# 2009 9-COUNTY NOx EMISSIONS INVENTORY

## On-Road



# Effects of Idling

- Idling releases diesel which contains harmful airborne contaminants.
- Diesel emissions from heavy duty trucks and buses are a major concern since they comprise approximately 50% of NO<sub>x</sub> emissions for on-road sources in our region.
- Diesel emissions from motor vehicles contribute to health problems such as premature death, cancer, heart attacks, cardiovascular disease, emphysema, and asthma.

# State Implementation Plan and Locally Enforced Idling Restriction

- The Locally Enforced Idling Restriction rule is a Strategy in the State Implementation Plan (SIP).
- If local governments adopt the restriction to cover 50% of the 9-county DFW and there is a compliance rate of 50% then the program will reduce NO<sub>x</sub> by .62 tons per day.

# City of Dallas Idling Ordinance

- Passed on May 23, 2007.
- City Ordinance prohibiting vehicle operators with a gross weight over 14,000 lbs to idle for more than 5 minutes during ozone season (April – October of each year).
- Penalty for violation is a fine not to exceed \$500
- Certain exemptions apply (e.g. - Emergency/law enforcement motor vehicles and school buses are exempt).
- Ordinance will be enforced by City Marshal's Office beginning in April 2008.

# Memorandum of Agreement

- In 2004, the State adopted rules concerning locally enforced motor vehicle idling limitations, which are applicable only within the jurisdiction of a Local Government that has signed a Memorandum of Agreement with the State.
- Memorandum of Agreement transfers enforcement of idling restriction authority from State to Local Government.
- Proposed MOA between City of Dallas and the State expires in 2013.

# Next Steps

- Council will consider the Memorandum of Agreement on the Locally Enforced Idling Restriction Rule on January 23, 2008.
- The Office of Environmental Quality will work with the City Marshal's Office on Plans for Enforcement.