

Appendix F

Appendix F

MassDEP Mobile Source Programs

More detailed information on these programs is available at www.mass.gov/dep

Diesel Work

1. Developing a diesel particulate matter inventory to inform comprehensive MA Diesel Strategy
2. Require and promote diesel retrofits on on-road and off-road construction equipment through contract specifications (Mass Highway Department, MBTA, State Revolving Fund)
3. Regulatory initiatives – developing more stringent cut points (pass/fail standards) for heavy-duty diesel vehicles in the Enhanced Emissions Inspection and Maintenance Program; promotion of “chip reflash” by heavy duty vehicles subject to the federal enforcement action for tampering with emissions controls
4. Idle Reduction – enforce 5 minute idling rule; development and continued distribution of anti-idling toolkit for municipalities
5. School Bus Retrofit Reimbursement Program and Transit Bus Retrofits required through Administrative Consent Order with the Executive Office of Transportation.

Clean Fuels & Fuel Handling

1. Federal reformulated gasoline (gasoline blended to burn cleaner and reduce smog-forming and toxic air pollutants). Phase I formulations of the gasoline was introduced for sale in MA in 1995; an even cleaner formulation was introduced in 2000.
2. Stage I and Stage II vapor recovery at gasoline stations (Equipment that captures the gasoline vapors during the delivery of gasoline and the fueling of individual cars)
3. Support for EPA low sulfur fuel proposal for on-road and off-road vehicles, which is now the national standard.

Clean Vehicles – Ensure Vehicles in the MA Fleet are as Clean as Possible

1. MassDEP adopted the California Low Emission Vehicle (LEV) Program. Program also requires the introduction of advanced technology vehicles in MA through the “Zero Emission Vehicle” requirements.
2. Green Fleets Program - requires purchase of alternative fuel and low emission vehicles in the state vehicle fleet.
3. DEP is one of 12 states to adopt California standards for heavy-duty and medium duty diesel vehicles effective in 2005.
4. Actively promote more stringent national standards for non-road vehicles.

Vehicle Inspection and Maintenance – Identify and Repair Vehicles With Failing Emission Control Systems

1. Enhanced I/M Program began October 1, 1999; both gasoline and diesel vehicles tested.

Transportation Control Measures – Encourage Less Polluting Modes of Transportation

1. Parking Freezes for Boston, South Boston, Cambridge, Logan Airport, and East Boston
2. Statewide Rideshare Program
3. Central Artery air quality mitigation measures ensure a balanced transportation system during construction and when the project opens
 - Urban Transit System Improvements
 - Commuter Rail Extensions
 - 21,000 Park and Ride Parking Spaces
 - High Occupancy Vehicle lanes (Southeast Expressway, I-93 North)

Integrated Planning between Air Quality and Transportation Agencies

1. Ensure integrated air quality and transportation planning – develop Mobile Source Emissions Budget for SIP with transportation agencies
2. Take advantage of funding opportunities to reduce mobile source pollution (e.g., Congestion Mitigation Air Quality funds)
3. Include Transportation agencies on MassDEP air planning advisory committee