

## MBTA Trimester Report Bus Emissions

Testing conducted from 8-26-2008 to 1-22-2009

**All buses flagged as high emitters were removed from service, repaired, and retested prior to returning to revenue service.**

### Trimester Summary

<b>Depots Tested</b>	<b>Charlestown, Arborway, Fellsway, Lynn, Albany St, Cabot, Southampton, Quincy</b>
<b># Buses Tested</b>	<b>870</b>
<b># Individual Tests</b>	<b>2259</b>
<b># Screened for Retest</b>	<b>10</b>

### Repair Summary

<b>Bus #</b>	<b>Fuel Type</b>	<b>Reason</b>	<b>Repair</b>
2076	CNG	Hydrocarbons	catalytic converter replaced
2044	CNG	Oxides of Nitrogen	replaced spark plugs and engine tuned up
2069	CNG	Hydrocarbons	valves adjusted
2281	CNG	Hydrocarbons	exhaust manifold leak repaired
2125	CNG	Oxides of Nitrogen	oxygen sensor changed and Air Fuel Ratio tables cleared
2135	CNG	Oxides of Nitrogen	oxygen sensor changed and Air Fuel Ratio tables cleared
2171	CNG	Oxides of Nitrogen	turbocharger and exhaust flex pipe replaced
293	Diesel	Oxides of Nitrogen	replaced diesel particulate filter
1028	CNG	Hydrocarbons	replaced spark plugs, boots, coils and valves adjusted
1031	CNG	Hydrocarbons	replaced spark plugs, boots, coils and pulse width modulated motor stepper valve

