



Local Law 39 Annual Report Fiscal Year 2015

Local Law 39 (LL39) requires all City owned and operated diesel powered vehicles greater than 8,500 lbs., such as garbage collection trucks and DEP’s truck fleet, to use ultra-low sulfur diesel (ULSD) to reduce pollutants. In order to lower the emission of harmful pollutants into the environment, these vehicles also must install emission reduction devices.

All on-road diesel vehicles are powered by ULSD (since the passage of LL39, the EPA has required ULSD to be sold nationwide for the on-road fleet). As of Fiscal Year 2015, 98% of the required vehicles used an emission reduction device, which falls slightly short of the required mandate of 100% by Fiscal Year 2015.

The answers below describe the status of the City’s implementation of the law and respond to the specific questions set forth in Section 24-163.4 (g)(1) of the Administrative Code.

1. *What is the total number of diesel fuel powered motor vehicles owned or operated by each City agency? (Ad. Code 24-163.4(g)(1)(i))*

Agency	Vehicles Owned as of June 30, 2015
DEP	461
DSNY	3918
DPR	538
DOT	922
DCAS	93
Total	5,932

2. *What is the number of such diesel fuel powered motor vehicles that were powered by ULSD? (Ad. Code 24-163.4(g)(1)(ii))*

Agency	ULSD Vehicles as of June 30, 2015
DEP	461
DSNY	3918
DPR	538
DOT	922
DCAS	93
Total	5,932

3. What is the number of such diesel fuel powered motor vehicles that used best available retrofit technology (BART) to reduce the emission of pollutants, including a breakdown by vehicle model and the type of technology used for each vehicle? (Ad. Code 24-163.4(g)(1)(iii))

Agency	Vehicles Owned	Vehicles Retrofitted	Vehicles Retrofitted with Other Technology*	2007 or Newer Vehicles	Number of Vehicles to be retrofitted	% Complete
DEP	461	182	32	219	28	94%
DSNY	3,918	62	266	3,569	21	99%
DPR	538	22	45	433	38	93%
DOT	922	117	474	298	32	96%
DCAS	93	25	0	64	4	96%
Total	5,932	408	817	4,583	123	98%

Notes:

DCAS (1 relinquished, 1 slated for retirement, 1 to be done FY2016 and 1 not to be installed.)
 DEP (2 emergency response vehicles; 1 Cap Fleet and 25 N/A). N/A was considered as no retrofits installed.
 CAP FLEET means replacements are funded.
 *DOCs are considered as Other technology.
 The Clean Cat DOC used by DOT is not a verified technology. It is unclear if they have all been replaced.

4. What is the number of such diesel fuel powered motor vehicles that used other authorized technology in accordance with this section, including a breakdown by vehicle model and the type of technology used for each vehicle? (Ad. Code 24-163.4(g)(1)(iv))

Agency & Vehicle	BART Manufacturer	BART Type
DSNY Collection Truck	Clearie	Diesel Particulate Filter (DPF)
DSNY Collection Truck	Fleetguard	DPF
DSNY Mechanical Truck	Engine Control Systems	DPF
DPR 16 Yard Packer	Donaldson	Diesel Oxidation Catalyst (DOC)
DPR 16 Yard Dump	OEM	DEP
DOT Utility Truck	ESW Thermacat	DPF
DOT Mack Dump Truck	Clearie	DPF
DOT Collection Truck	Engine Control Systems	DPF
DOT Dump Truck Crew Cab	Nelson	DOC
DEP Mack CV713	Clearie	DPF
DEP Freightliner FL 70	HUG	DPF
DEP Sterling Acterra	HUG	DPF

Agency & Vehicle	BART Manufacturer	BART Type
DEP CAT L9500	Engine Control Systems	DPF
DEP Heavy Duty	ESW ThermaCat	DPF
DOT International 4700 LP	Cummings	DOC w/o CCV(technological concerns)

Note: For a complete list of diesel equipment, engine details, and agency-specific vehicle counts, please contact DEP.

5. *What were the number of such motor vehicles equipped with the applicable 2007 EPA standard for particulate matter as set forth in §86.007-11 of title 40 of the CFR? (24-163.4(g)(1)(v))*

As the chart for question three shows, there were 4,583 vehicles from 2007 or newer certified to these requirements.

6. *Were any findings made or waivers issued pursuant to §24-163.4(g)(1)(vii)?¹*

No waivers were issued.

¹These waivers are granted for vehicles that do not use ultra-low sulfur diesel fuel. These waivers were contemplated during the enactment of this legislation as it was uncertain a sufficient supply of vehicles that run on ULSDF would be available.