



sanitation

Kathryn Garcia Commissioner

Kathryn Garcia
Commissioner

March 18, 2020

125 Worth Street
Room 720
New York, NY 10013
nyc.gov/sanitation

Honorable Bill de Blasio
Mayor, City of New York City Hall
New York, New York 10007

646.885.4974
kgarcia@dsny.nyc.gov

Honorable Corey Johnson
Speaker, New York City Council City Hall
New York, New York 10007

Honorable Scott M. Stringer
Comptroller, City of New York
One Centre Street -Municipal Building Room 530
New York, New York 10007

Re: 2019 Report on DSNY's Alternative Fuel Program

Dear Mayor de Blasio, Speaker Johnson and Comptroller Stringer:

I am pleased to submit to you the enclosed annual report on the Department of Sanitation's alternative fuel program, as required by Local Law 38 of 2005, Section 24-163.2 of the Administrative Code.

The Department's fleet continues to be among the cleanest heavy-duty diesel fleets in the world. Since 2005 we have reduced our fleet's overall particulate matter (PM) emissions by greater than 95% and cut Nitrogen Oxide (NOx) emissions by 95%. DSNY trucks acquired since late 2006 meet PM emissions standards that are 98% cleaner than the unregulated diesels of old. Similarly, trucks delivered since 2010 meet the strict USEPA standard for NOx that is 98% cleaner than the old diesels.

DSNY also continues to do pioneering research and development work on cleaner fuels and emissions controls for heavy duty trucks, an effort we started over 20 years ago.

In accordance with the Local Law 73 of 2013 mandate to further lower fleet emissions, including greenhouse gases, the Department currently uses B20 (20% biodiesel made from soybeans) for its trucks citywide. DSNY uses B20 generally from April 15 through November 15, and B5 (5% biodiesel) during the colder months.

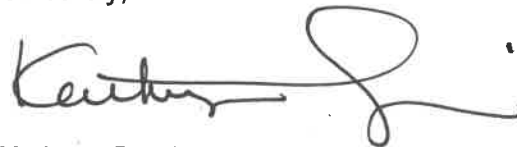
DSNY is one of several city agencies that participated in the NYC Renewable Diesel (RD) pilot, which utilized a blend of 99% RD with 1% petroleum diesel. DSNY expanded the pilot program (June 2018 through October 2018) to 17

district garage in all five boroughs, with promising results. DSNY hopes to add RD to its portfolio of renewable fuels in the future.

In addition, we have 39 compressed natural gas (CNG)-powered collection trucks, 510 light-duty vehicles that are hybrid-electric, 134 light-duty vehicles that are plug-in hybrid-electric vehicles (including 16 plug-in Chevrolet Volt sedans, 83 plug-In Ford Fusion Energi sedans, 35 plug-in Mitsubishi Outlander SUVs), 18 all-electric Nissan Leaf sedans, 46 hybrid-hydraulic diesel collection trucks, and 26 hybrid-electric street sweepers.

Consistent with OneNYC and Mayor De Blasio's Executive Order 53, the Department remains committed to making its fleet as environmentally sustainable as possible consistent with our operational needs and will continue our research and development efforts concerning alternative fuels and technologies.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kathryn Garcia', with a large, stylized loop at the end.

Kathryn Garcia

Encl.

Cc:

Mark Chambers, Director, Mayor's Office of Sustainability

Hon. Antonio Reynoso, Councilmember, Chair, Committee on Sanitation & Solid Waste

Hon. Costa Constantinides, Councilmember, Chair, Committee on Environmental Protection

DSNY: R. DiRico; B. Anderson; R. Orlin

DEP: Angela Licata, Deputy Commissioner, Sustainability

DCAS: Keith Kerman, Deputy Commissioner, Fleet