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## DCAS PRESENTS ON BIODIESEL STORAGE AT EPA CONFERENCE

KEITH T. KERMAN

On September 16 Ramona Ledesma-Garrido of DCAS Fleet presented on biodiesel storage at the Federal EPA’s 25th National Tanks Conference in Phoenix Arizona. NYC’s fleet is a national leader in biodiesel implementation in diesel vehicles. NYC has also done some of the nation’s most advanced work in certifying biodiesel for storage in underground storage tanks (USTs).

In June 2015, EPA established new rules for underground fuel tanks, updating rules in place since 1988. As part of these rules, EPA established for the first time an engineering and certification requirement for qualifying up to 100% biodiesel to be stored in tanks. NYC Local Law 73 of 2013 requires NYC fleet units to use 20% biodiesel (B20) at least six months a year. B20 use in tanks does not require special certification as per the EPA. However, the FDNY Fire Prevention unit asked Fleet to certify the City’s internal diesel tanks to EPA’s B100 standard as part of the implementation. NYC is now one of the few, if not the only, fleets in the nation to have completed this process.

Ramona, who has a PhD in Chemical Engineering, worked closely with FDNY Fire Prevention and helped lead this project for DCAS certifying sites from Parks, DOT, DEP, and DOC. DSNY also implemented the certification process with FDNY. The certification required a review of all the components and materials used in each of the City’s diesel holding tanks as well as the fuel dispensers to ensure their safe compatibility with biodiesel use.

Thanks to this great collaboration between fleet agencies and FDNY, NYC has established a model which can help lead the way to further implementation of biodiesel here and across the country. Fleet will post the presentation on our site.



## FLEET SPOTLIGHT: THE BIG FIVE

MAHANTH JOISHY

NYC operates over 28,000 fleet units, the largest municipal fleet in the nation. Our fleet management system (NYC Fleet Focus) currently tracks 124 separate types of vehicles encompassing almost every type of fleet operation including waste, forestry, policing, fire, street and sewer maintenance, construction, inspections, events management, prisoner transport, and more.

Of the fleet, 72% were procured from 5 main manufacturers: Ford, Mack, General Motors — including GMC and Chevy — Toyota and Freightliner. Ford is the largest supplier by far with over 10,000 units. Mack and Freightliner are our two main heavy truck suppliers. Ford and GM provide vehicles across all types and class sizes, while we operate more Toyota hybrid Prius sedans than any other fleet make with 2,691 in service.

No other manufacturer breaks the 500 unit threshold. Seagrave, Magnum, John Deere, International, Honda, GEM Electric, Global, Piaggio, Yale, and Caterpillar are among the other major makes employed.

Remarkably, the rest of the fleet consists of units supplied by over 300 different manufacturers, showing the extraordinary technical and operational complexity of the City fleet.

