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## FLEET SPOTLIGHT: DEP'S FLEET GOES GREEN

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In this week's newsletter, we continue our spotlights on early adopters of electric vehicles.

DEP is the lead agency tasked with NYC's environmental protection, so it is only appropriate that DEP is also among the leaders in greening its fleet and reducing emissions. As part of Mayor de Blasio's NYC Clean Fleet plan, all fleet agencies have been tasked with exploring ways to increase the number of electric vehicles (EVs) and hybrids for their daily operations. DEP is now running 53 on-road EVs such as the Nissan Leaf or Chevy Volt, 115 off-road EVs including John Deere eGators, and 440 gas-electric hybrids such as the Toyota Prius. In 2017, the GM Bolt crossover will be made available to agencies including DEP as well.

Plug-in cars require dedicated vehicle chargers. Thirty eight (38) chargers have been installed to help to power the DEP electric fleet, with another group of installations underway. Since these are all on the ChargePoint network, power usage and efficiency from every city owned location, including DEP, is tracked in one database. These chargers can also be shared among agencies.

Meanwhile, all diesel vehicles at DEP are currently running on B20, or 20% biodiesel blends. These vehicles are helping perform critical work such as air quality testing, responding to noise complaints, water and sewer operations, customer service, and security.



DEP and other agencies run mobile inspection units to supplement their mission. With tablets such as Apple iPads and smart phones becoming increasingly common for work order tracking and communications, the USB ports in the Nissan Leaf and other EVs come in handy for plug-in charging either while parked or on the go so that critical devices never run out of juice. *(Pictured: Steven Arcuik and Ilesia Steward of DEP)*

Unique to DEP among city agencies, a large portion of operations take place in upstate towns such as Kingston, Valhalla, and Grahamsville in order to test, protect, and maintain the smooth flow of New York City's water supply. One billion gallons of fresh water is provided to New York City everyday by the upstate reservoirs. Approximately 550 vehicles are needed for operations spread out across 130 miles. The number of EVs and chargers is continuing to increase for upstate facilities amid the current rollout. We appreciate the upstate mechanical and also operations

staff for adopting the alternative fuel vehicle program.

Thanks to everyone at DEP, particularly Fleet Manager Rebecca Behle, for leading efforts to achieve a greener and more sustainable fleet. Keep it up!

