LABOR RELATIONS

UNITED STATES
POSTAL SERVICE

March 24, 2023

Mr. Ivan D. Butts
President
National Association of Postal
Supervisors
1727 King Street, Suite 400
Alexandria, VA 22314-2753

Dear Ivan:

As a matter of general interest, Project Canary, an environmental data, and software company, will work with the Postal Service by leasing space for its device designed to measure methane levels within the Denver Metro delivery area.

Project Canary measures, analyzes, and visualizes environmental risk assessments and emission profiles. Federal regulation requires utilities to survey 100% of their utility systems once every five years. This pilot will help determine if utility companies are interested in a data-rich heat map of possible gas leaks to make their systems safer and cleaner.

The strategy in this initiative is to leverage the Postal Service's unique ability to collect valuable data because of the scale and frequency with which our fleet of postal vehicles travel streets of every community across the country. The process of gathering data for this initiative includes mounting a gas analyzer on five postal vehicles allowing each route to be covered every day. The five vehicles will be utilized on delivery routes each day during the test with a different schedule planned for each month.

Vehicle Maintenance Facility (VMF) employees will install these devices on our postal vehicles. City and rural carrier employees' participation in this test will be limited to operating the postal vehicles equipped with the analyzer during the performance of their regularly assigned street delivery duties.

The pilot test will be conducted utilizing five delivery vehicles at the Indian Tree Station in Arvada, Colorado. The pilot is scheduled to begin April 3 for a four-month period.

475 L'ENFANT PLAZA SW
WASHINGTON DC 20260-4100
WWW.USPS.COM

Enclosed is a copy of the Project Canary Stand Up Talk (SUT), one for delivery and one for VMF employees.

Please contact Bruce Nicholson at extension 7773 if you have questions concerning this matter.

Sincerely,

James Lloyd
Director
Labor Relations Policies and Programs

Enclosures

Digital Business Services Stand-Up Talk - Delivery
April 2023

USPS Begins Project Canary Pilot on Gas-Leak Detection

The Postal Service is excited to announce an initiative with Project Canary, an emissions monitoring organization, to test the use of a small device mounted on delivery vehicles to collect data on methane gas leaks. Project Canary will collect, analyze, and act on this data.

Sources indicate that methane is more harmful to the environment than carbon dioxide. The collected data will be used to detect probable leaks across the natural gas supply chain, as natural gas is nearly 95 percent methane. This can help utilities find and repair problems within their systems, reducing environmental damage and making neighborhoods safer.

Collecting this data also has the potential to generate new revenue for the Postal Service.

The devices will be mounted inside five delivery vehicles with a small tube extending to the front of the vehicle to collect air samples. They will passively collect gas leak data and associated GPS coordinates.

Vehicles with these devices should not be shared or loaned to delivery units outside of the designated pilot locations without approval. Any vehicle maintenance, both preventative and unplanned, should be expedited to the extent possible to maximize data collection.

Over the course of the next four months, and possibly up to a year, the pilot will evolve each month from static route collection, which means assigning the vehicles with sensors to the same route every day, to dynamic routing, which means assigning the vehicles to the same route one, two or three times per week.

If you are assigned one of the modified vehicles, simply drive your route and perform your street duties as normal. You may be asked if you have any observations about the devices, or if you notice them at all.

Thank you for your help with this pilot. The measurements taken may help pinpoint methane leaks along your route that could be detrimental to the environment and public safety.

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Digital Business Services Stand-Up Talk-VMF

April 2023

USPS Begins Project Canary Pilot on Gas-Leak Detection

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The devices will be mounted inside five delivery vehicles with a small tube extending to the front of the vehicle to collect air samples. They will passively collect gas leak data and associated GPS coordinates.

VMF employees will be asked to install the devices per instructions provided once the engineering and safety evaluations have been completed and the devices delivered.

Vehicles with these devices should not be shared or loaned to delivery units outside of the designated pilot locations without approval. Any vehicle maintenance, both preventative and unplanned, should be expedited to the extent possible to maximize data collection.

Over the course of the next four months, and possibly up to a year, the pilot will evolve each month from doing a static route collection, which means assigning the vehicles with sensors to the same route every day, to dynamic routing, which means assigning the vehicles to the same route one, two or three times per week.

If you have questions regarding the device, ask your immediate supervisor.

Thank you for your help with this pilot. The measurements taken may pinpoint methane leaks along your route that could be detrimental to the environment and public safety.

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