

# Los Angeles County Waterworks Districts Fleet Right-Sizing Study



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## Summary

The Los Angeles County Department of Public Works, Waterworks Division (Waterworks) has a fleet of 113 vehicles located at our Lancaster and Malibu field yards. As part of its customer service and operations and maintenance activities, Waterworks vehicles travel over 960,000 miles annually and expend approximately \$400,000 in annual fuel costs.

Waterworks conducted a study to look at existing practices and needed vehicle requirements to determine how we could best “right-size” our fleet to be more fuel efficient while maintaining our current level of service in all areas. As part of the study, Waterworks investigated other utilities and looked at alternative fuel options.

As a result of the study, Waterworks designed a new vehicle mix that will meet Waterworks’ needs but will reduce fuel consumption by approximately 20% and vehicle replacement costs by almost 10%.

### **Benefits to Environmental Resources**

A 20% reduction in fuel use of almost 20,000 gallon annually will help to reduce pollution and greenhouse gases.

### **Contribution to wellbeing of DPW and the County**

Streamlining of our fleet will lower costs for our customers, reduce pollution for Los Angeles County, and increase efficiency of DPW services.

### **Contribution to Economic Health**

Waterworks identified a yearly savings of \$147,000 through reduced fuel usage and reduced replacement costs.

