



With a water capture and reuse truck, the city of Huntington Beach will save more than 18 million gallons per year.

## IMPACT

10-year projected water savings:

**182**  
million gallons



No-DES Truck



City Signage



## PROJECT DESCRIPTION

The city of Huntington Beach owns and operates its local water utility and takes pride in the efficiency of its water system operations. The city collaborated with the Metropolitan Water District of Southern California and the Municipal Water District of Orange County to find innovative solutions for local and regional water issues.

Huntington Beach identified an opportunity to save water by applying a new alternative to conventional water main flushing. The Neutral Output Discharge Elimination System truck flushed hydrant lines by pumping water through truck-mounted filters and returning the water directly to the pipelines. The city was able to significantly cut water losses during standard operations which, over the next 10 years, is projected to save more than 182 million gallons of water. Signage on the truck increases conservation awareness for residents.

Metropolitan's Water Savings Incentive Program helped fund the NO-DES truck and provided support and resources to streamline the adoption of the technology.

## PROJECT BENEFITS

- Substantial city-wide water savings
- Improved water-use performance and conservation awareness
- Role model for other cities and utility departments

