



National Fire Plan

Managing the Impact of Wildfires on Communities and the Environment

Maryland Department of Natural Resources (DNR) Type 6X Wildland Engine

■ The Challenge

The MD DNR Forest Service responds to an average of 660 wildfires per year that burn an average of 3,500 acres. Many of these fires occur in the wildland urban interface and can threaten individual homes and communities.

Currently, 40 Type 7X Engines of varying configurations are in service across the state. With reductions in workforce and fleet, the challenge was to build a heavier standardized Type 6X Engine for better initial and extended attack capabilities. **What are they used for? Pump water and foam?**

■ The Solution

The DNR used National Fire Plan State Fire Assistance preparedness funds to purchase four units that mount in the back of a truck. State funds were used to purchase four 1-Ton heavy-duty 4X4 utility trucks, along with the equipment needed to outfit the Engine. These purchases allowed the DNR to build four replacement engines to better protect Maryland communities at risk. Units are equipped with a 200 gallon tank, 18 hp engine/CET Fire Pump, a foam delivery system, an aluminum reel with 200' of hose, and a box for an additional 200' of pre-connect hose.



New engine in the back of a truck.

■ Resulting Benefits

- Four new Type 6X Engines are in service.
- Each of the state's four regions received a new Engine to be used in the county with the most fires.
- Initial & extended attack capability for in-state operations is greatly improved.

■ Sharing Success

- The new units are available for Compact or Interagency fire assignments.



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