

News

Townships Purchase TurboDraft for Fire Department

4-11-06 The Plymouth Fire Department has received a new piece of equipment, which will reduce the time necessary to fill tankers with valuable water supply while fighting fires in rural areas. It wil...

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The Plymouth Fire Department has received a new piece of equipment, which will reduce the time necessary to fill tankers with valuable water supply while fighting fires in rural areas. It will allow the fire department the opportunity to draw an increased supply of water directly from a close source of water such as a swimming pool, lake, pond or stream.

Center and West townships purchased the TurboDraft Fire Eductor, in an ongoing attempt to improve fire protection for rural residents being served by the Plymouth Fire Department. The townships split the \$2,562 piece of equipment 50/50.

The TurboDraft Fire Eductor provides rural fire departments with a dependable solution to access water sources that are not accessible using typical drafting techniques. Utilizing eductor technology and water pressure from the supply fire engine, the TurboDraft Fire Eductor allows fire department to tap into water supplies like ponds, streams, and swimming pools up to 250 feet away from the water source.

A fire department pumper, using conventional drafting methods can supply water at a rate of 200 gallons per minute. Using the TurboDraft, the pumper is able to supply water at a rate of 600 gallons per minute. This will reduce the time required to fill a typical 3,000-gallon tanker from 15 minutes to 5 minutes drastically improving the supply of water to fight the fire.

Insurance companies have recognized the TurboDraft as an alternate water supply device. Water sources accessed using the TurboDraft have been given credit under the FSRs (Fire Suppression Rating Schedule) provided that other criteria such as accessibility and drought conditions have been met.

The Plymouth Fire Department is will be training full timers and volunteers on the unit as soon as the weather stays nice.