



FIRE DEPARTMENT:

Spring Lake Park/Blaine/
Mounds View (SBM), Minn.

APPLICATION:

TetraKO next generation water enhancer is used in offensive attack on a garage fire.

SUMMARY:

SBM District Fire Chief Doug Nelson arrives at the scene of a fully engulfed garage fire. Parked inside the garage are a car and two snowmobiles. Engine 11, loaded with TetraKO, was the "first-in" engine. The crews stretches two 1 3/4-inch pre-connected lines and immediately begins a coordinated attack on the fire. The aggressive attack, coupled with TetraKO, definitely saved the home and its contents. In addition, the water damage was minimal.



FIRE INCIDENT REPORT #5:

On April 7, 2011 at 2:30 in the afternoon I was the incident commander at the scene of an attached garage fire in the 13000 block of Owatonna Street NE. A neighbor called in the fire. No one was at home at the time so we don't know how long it burned before we got the call. But between the time we arrived on scene and began flowing TetraKO solution, it was probably less than 90 seconds. Our firefighters were ready to rock and roll, and we didn't have any time to waste.

When we arrived, the garage was totally engulfed, with flames blasting out of the front. The garage was loaded with fuel sources, including a car and two snowmobiles. Engine 11 was the "first-in" engine, and they stretched two 1 3/4-inch pre-connected lines and immediately commenced a coordinated attack on the fire. We were, literally, a minute to two minutes from the fire burning through into the house and blowtorching the entire structure.

The attack on the fire used somewhere in the neighborhood of 500 gallons to knockdown and contain the blaze. It didn't take very long, I'll tell you that. The other district chief who was in my vehicle (and acting as my command aide) and I both agreed on what a quick knockdown we both observed given the volume of fire and the wind conditions present.

Our aggressive attack, coupled with TetraKO, definitely saved the home and its contents. And the water damage was minimal. Just a tiny bit of water came through when we were cooling down the fire. Probably less than two to three gallons got through the sheetrock and that was it.

TetraKO definitely is a great tool for us. It's a big improvement over straight water and far more effective than foam because it sticks and stays – it sticks to things and enables the steam conversion process to quickly take place.

—District Chief Doug Nelson
SBM Fire Chief



Flames completely engulfed the garage but were knocked out with TetraKO.