

Alton Fire & Rescue Department Standard Operating Guidelines (SOG)

SOG 2.2.8 Sprinkler/Standpipe Operations (reference SOP 2.2.8)

PURPOSE: To establish the utilization of sprinkler and standpipe operations.

SCOPE: All locations with Fire Department Connections (FDC) for sprinklers and or standpipes.

SPECIFICS: The second arriving engine or designated supply engine will address the FDC connection where available to insure adequate water supply to the location.

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Alton Fire & Rescue Department

Standard Operating Procedures (SOP)

SOP 2.2.8 Sprinkler / Standpipe Operations

Purpose: Provides for procedures for SOG 2.2.8 and for FDCs.

Scope: Supply Engine Operations

Specifics:

The second arriving engine or supply engine will take a position with access to the FDC.

Buildings with sprinkler systems:

1. If there is a water flow indication on alarm panel the FDC will be addressed with a 4" line and sprinkler system charged @150 PSI.
2. Adequate water flow to be maintained by monitoring and insure that the water supply valve to system is open.
4. Sprinkler systems in buildings which are severely exposed to a fire from another building or outside source (such as a storage area), should be supplied at their FDC to insure proper exposure protection.
5. The engine supplying the FDC should be utilized solely for that purpose, and additional hose lines should not be taken from that engine.

Buildings with Standpipes:

1. Where a building is equipped with a standpipe system, the FDC will be addressed with a 4" line.
2. Where the standpipe system is independent and is also equipped with a FDC, support the system by pumping to the FDC, providing a pressure of 125 psi at the connection and 5 psi per story for each floor above ground level.

LOCATIONS IDENTIFIED:

-- Alton Bay Pavillion

- ◇ FDC is located on the A/B corner of building, B side.
- ◇ Lay 100' length of 4" hose from FDC away from building allowing travel space for incoming equipment.
- ◇ OPTION: lay double 4" hose from Victoria Pier Dry Hydrant; THEN hand lay 100" to FDC, allowing for travel space for incoming equipment.

-- Hanaford's Supermarket

- ◇ FDC is located on the C/D corner of building, D Side.
- ◇ Connect 4" hose to FDC and 4" supply hose from Hydrant.

-- PMHS (Prospect Mountain High School)

- ◇ FDC is located on the A side of building, to the immediate right of the main entrance.
- ◇ If there is sprinkler flow; lay 4" hose (400') with Rural Hitch valve at the foot of the driveway loop to the front of the building. Then lay 100' of 4" hose to the FDC from the engine located directly in front of the FDC at curbside.
- ◇ If no sprinkler flow, then lay 100' of 4" hose to the FDC from the engine located directly in front of the FDC at curbside.

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