State of Connecticut Regional Foam Trailer Program

A cooperative program between the host communities, the Commission on Fire Prevention & Control and the Department of Energy and Environmental Protection

There is no charge for calling or using the foam trailer units.

Cost recovery for foam product used will be handled through the Connecticut Department of Energy and Environmental Protection. You must request dispatch of units through DEEP!

For additional information on the foam trailers contact:

Commission on Fire Prevention and Control
Office of the State Fire Administrator
34 Perimeter Road
Windsor Locks, CT 06096
(877) 5CT-FIRE (in-state toll-free)
(860) 627-6363 Ext. 230

The Connecticut Department of Environmental Protection will dispatch the two nearest foam trailer units to your incident. Please do not contact the host fire departments directly.

Actual responses may vary depending on circumstances at the host department(s), location, and type of incident.

Commission on Fire Prevention and Control

In cooperation with

Department of Energy and Environmental Protection Emergency Response and Spill Prevention Division

and the

Danbury, Fairfield, Hartford, New Haven, Norwich, Waterbury, Willington and Winsted Fire Departments

Revised June 2016
**Host Fire Departments**
Danbury, Fairfield, Hartford, New Haven, Norwich, Waterbury, Willington and Winsted

**Foam Trailer Capabilities**
500 Gallons of National Foam
“Universal ® Gold”
1% / 3% Haz-Mat foam

Elkhart 500 GPM fixed\portable monitor
Two (2) 200’ 1 3/4 “ pre-connect lines
One (1) 300’ 2 1/2” pre-connect line

Electric transfer pump allows the supply of operating foam pumpers or refilling the trailer

Easy operation-just connect to a water source-use fresh or salt water

**Dispatch Information**
We encourage you to call for the foam trailers for any large incident beyond the foam capabilities of the local fire department.

Connecticut Department of Energy and Environmental Protection
24 hour dispatch number

1-860-424-3338

At minimum, the two nearest trailers will be dispatched to your location. Additional foam trailer units will be dispatched as needed.

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**Why do you need foam?**

Foam is needed for any fire or spill involving flammable or combustible liquids.

Water will not float on hydrocarbon products such as gasoline or diesel fuel. Using water on burning gasoline will cause the fuel to splatter, spreading the fire. Water used on a fire in a contained area will sink to the bottom and may cause the container to overflow.

The application of foam also reduces the toxic and flammable vapors given off by fuels such as gasoline.

**Universal ® Gold 1% / 3% AR-AFFF**
The foam trailers use National Foam Universal ® Gold Class B foam. Most Class B foams must be applied in concentrations of 3% or 6%. Universal Gold can be used in 1% to 3% solutions. This results in less foam being used as compared to regular foams.

**Class B Foams**
The foam provided in the trailer is Class B foam for use on flammable and combustible liquids.

Class B foams are usually applied in 3% or 6% solutions. The old rule has been 3% for hydrocarbon fuels, 6% for alcohol fuels. In Connecticut, most of the gasoline used is at least 10% alcohol. This type of blended fuel calls for foam application of 6%.

A 100 GPM hand line using 3% fluoroprotein foam is adequate to cover a spill of approximately 1000 square feet. A 100 GPM line applying 6% AFFF on a polar solvent spill will cover approximately 500 square feet. NFPA 11 recommends foam application for at least 15 minutes after fire knockdown in order to maintain a vapor seal to prevent re-ignition. This will require between 45 and 90 gallons of foam. Larger spills or fires will require substantially more foam.

A typical structural engine may carry three 5 gallon pails of foam. This is enough for a 5 minute application at 3% and 2 minutes at 6%. Hardly adequate for a large flammable liquid spill or fire.

Two foam trailers will bring 1,000 gallons of foam to your scene.