

RAPPAHANNOCK COUNTY FIRE and RESCUE ASSOCIATION	NUMBER: 601
STANDARD ADMINISTRATIVE POLICY	PAGE 1 of 3
SUBJECT: Fill Site Pre-Plan	EFFECTIVE DATE: 01/18/08
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PURPOSE: To initiate a countywide procedure to establish and pre-plan year round pumper accessible fill sites. On most incidents, the first due company is responsible for fire attack. This leaves fill site responsibility to companies that may not be familiar with the area and less acquainted with the actual fill site itself. Distribution of preplans will assist those companies responding with an overview of what is necessary to set up a site and/or its location for shuttle evolutions.

DEFINITIONS: Fill site-A water supply established by a pumper with a minimum pump size of 1,000 Gallons Per Minute.

POLICY:

The following steps shall be utilized to establish and preplan fill sites:

Step 1 Area Evaluation

Determine the water supply sources in your first due area that may be used for water supply.

Step 2 Site Selection

Utilize the county maps to determine static water sources. Past experiences has proven that the sites should be accessible by pumpers year round. Portable pump operations should be used as a **last resort** operation due to the set up time and number of portable pumps required to provide adequate fire flow.

Perform on site survey of the source to determine the following:

Static Sources

- Accessibility for pumpers year round
- Water depth
- Turn around areas for shuttle apparatus
- Determine feasibility of setting up at least two fill lines for shuttle apparatus at one time.

Municipal Sources

- Accessibility of pumpers
- Determine the size of the water main
- Turn around area for shuttle apparatus
- GPM available at 20 psi residual pressure
- Feasibility of establishing at least two fill lines for shuttle apparatus at one time.

RCFRA STANDARD OPERATING POLICY

Step 3 Fill Site Selection

Determine which sources shall be used according to the guidelines stated in step 2. Determine the area/streets that the source will be used for. Again, a map of the first due area would be beneficial on selecting the sites closest to the available water source.

Step 4 Draw the Preplan

Use the attachment A as a guideline for drawings and overview of the fill site.

- List the fill site designation (name), the address, map page, and any useful information, date, and initials on the right side of the page.
- The top left corner shall be used for drawing a map of the area where the site is located. Draw in as many streets as possible that will use this site. Keep in mind that mutual aid companies may be using the preplan and may have no knowledge of that area.
- The bottom of the page should be used to draw the fill site. Draw the site with as much pertinent data as possible. It is a good possibility that a third or fourth due company will be going to the site to set up fill operations. They may not be familiar with the area or the specifics set up identified by the first due company.
- Information required would include, but not limited to, the following information:
 - Front intake only fill site
 - Shuttle route of units
 - Draft site location
 - Special equipment needed
 - Length of hose lays
 - Accessibility
 - Fill line(s) location
 - GPM available (hydrant)
 - Size and type Dry Hydrant threads (4 ½" male, 6" female)

Step 5 Develop a Fill Site Preplan Book

Place each fill site preplan within the developed Fill Site Book.

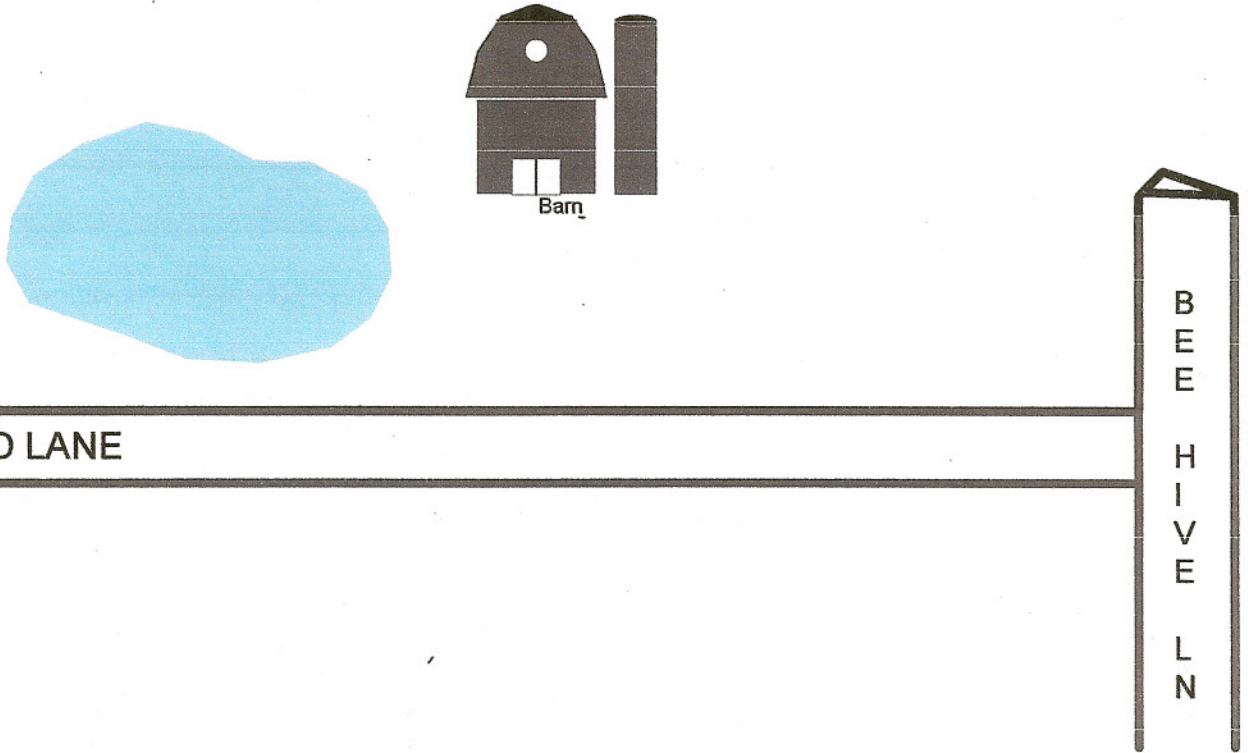
Step 6 Distribution

Distribute the preplans to all county and mutual aid companies.

WATER SUPPLY # STREET ADDRESS

COUNTY MAP NUMBER

INSTRUCTIONS FOR SUPPLY PUMPER SETTING UP
FILL SITE. TO INCLUDE TANKER TURN AROUND
LOCATIONS AND STAGING AREAS. TRAFFIC
CONTROL PROBLEMS.



DRAWING OF WATER SUPPLY SITE AND SET UP FOR SITE