



# TRAINING PLAN

Subject	
<b>Water Supply - Drafting</b>	
Instructors	
<b><u>A</u></b>	<b><u>B</u></b>
<b><u>C</u></b>	
Logistics	
<b><u>Time Required</u></b> 2 hrs.	<b><u>Equipment Needed</u></b> Apparatus Capable of Achieving a Draft Static Water Source

**DESCRIPTION**

**Objectives:**

1. Identify the considerations for selecting a drafting site.
2. Discuss & Demonstrate the steps for preparing to draft from a static water source.
3. Demonstrate the ability to develop and maintain a water supply from a static source.

**Description / Outline:**

- 1. SELECTING A SITE FOR DRAFTING**
  - Amount of Water Available
    - Pools, Streams, Lakes, Canals, etc. – Should be sufficient to support incident
  - Debris / Clarity / Temperature
    - Debris & foreign objects may clog strainers and reduce capacity
    - Avoid water temps above 90° F or below 35° F
    - May Damage Seals, Pump, etc. & ultimately place Engine out of service
    - Flush Pump & waterways with clean water following any Drafting Operation
  - Ground Surface & Accessibility
    - Stability, Time of Year, Operator Safety
    - Elevation (Increased Lift = Decreased Capacity)
- 2. PREPARING TO DRAFT**
  - Assemble & Position Suction Hose (Airtight connections)
  - Close Any Open Valves or Drains
  - Isolate Tank: Close Tank-to-Pump
  - Place Transfer Valve in VOLUME (Two-Stage Pumps)
  - Engage the Pump
  - Throttle Engine Speed to 1000-1200 RPMs
  - Operate Primer to exhaust air from pump
- 3. OPERATING THE PUMP FROM A DRAFT**
  - Open discharge slowly (watch discharge pressure & maintain 50 psi)
  - Ensure water is flowing/moving
- 4. SHUTTING DOWN OPERATIONS**
  - Slowly return to idle
  - Disengage Pump and Reverse Set-Up Procedure
  - Inspect & Restore Equipment
  - Flush Pump & Waterway