



# GENERAL ORDER

## Swift Water Operations Training

Date: August 26, 2022

Number: 22.056

Effective Date: August 26, 2022

Expiration Date: N/A

Approved By: Darren L. Stevens, Fire Rescue Chief

On September 24<sup>th</sup> and 25<sup>th</sup>, we will be conducting mandatory swift water technician training. Each member of the swift water team will need to attend one of the two trainings in order to stay an active part of the Swift Water Team.

Since we are considered a statewide swift water asset, we have to complete mandatory training to maintain this status.

We are also reaching out to our volunteer team members. Any volunteers that meet the minimum requirements are urged to attend this training.

<u>A Shift</u>	<u>B Shift</u>	<u>C Shift</u>
SWT/BO – W. ALFORD	SWT/BO – B. BISH	SWT/BO - G. MACKISON
SWT/BO – K. LANDMAN	SWT/BO – N. BAER	SWT/BO – H. BOWERS
SWT/BO – J. LEONARD	SWT/BO – J. FRINKS	SWT/BO – B. LATHAM
SWT/BO – B. MILLER	SWT – B. JAEGER	SWT/BO – F. McEVILLY
SWT/BO – C. MYERS	SWT – S. LEWIS	SWT/BO – K. NEAM
SWT/BO – B. HAYES	SWT – A. HULVEY	SWT/BO – L. SCHMIDT
SWT – W. LITTLETON		SWT – J. HIGHLAND

Please see the following schedule of events for the days as well as the syllabus.

### Dates and Times:

September 24<sup>th</sup> and 25<sup>th</sup> - 0800 - 1700hrs

- Saturday / Sunday – Remington Rector Tract (Meet at FS 1102)

### Training Course Overview:

Advanced Line Systems Rescue course trains rescue personnel in complex rescue systems that expose personnel to potentially life-threatening hazards. These systems should only be used when lower risk options have been exhausted and when the team has the training, equipment, and skills to utilize these techniques. The systems taught in the course require rescue personnel to:

- Select the appropriate system or technique for the situation.
- Establish and operate the system.
- Affect the rescue or recovery.
- Tear down the system.

Practical hands-on training includes: static line systems rescues such as the moveable control point (MCP), 3:1 mechanical advantage (also known as z-drag or z-rig), and zip line (tension diagonal). Tethered rescuer techniques using Type V rescue personal flotation devices (PFD) are also addressed.

Attendees:

- Swiftwater Rescue Technicians

Meals:

- Bring personal first aid needs (medications, inhalers, EpiPen, etc.)
- We will break for lunch
- You are responsible for fluids and snacks at the water site.

Hazards of Training:

Students must be prepared to engage in strenuous activities in **extreme weather and water conditions**. Students must be able to swim. If a student has a known medical condition that could foreseeably jeopardize his/her safety during participation or be aggravated by participation, **the student should not participate**.

*Water Hazards:*

- Cold, deep, and swift water
- Water obstructions (i.e. rocks, strainers, free floating debris, etc.)
- Other water users (fishing and boating) – please be courteous.

*Environmental Hazards:*

- Uneven walking surface and loose debris
- Slippery rocks, steep slopes, and shoreline
- Poisonous plants, animals, and insects.
- Traffic

*Weather Hazards*

- Temperature – hot (hyperthermia) or cold (hypothermia)
- Storms – lightening (all training will stop until storm has passed). Students will be directed to shelter. Rain, or hail may or may not stop training exercise. Weather emergencies will be handled at the discretion of the instructor trainers.
- Sun – risk of sunburn

**Student Equipment Requirements:**

- PFD Type III or V with knife, 2 locking carabineers, and whistle
- Water rescue helmet
  - o Must provide protection for the front, side, and back of head protection
- Appropriate thermal protection for weather and environmental conditions: o Dry Suits and Wetsuit are optional but encouraged (Note: cold water exposure, immersion, survival, and ice rescue suits are prohibited for moving water)

**Layering**

- Inner wicking material (i.e. polypropylene, silk, etc.)
- Middle insulation material (i.e. polyester, etc.)
- Hand protection for working with rope and thermal protection - neoprene gloves
- Feet protection – river sneakers or neoprene water rescue boots with synthetic or wool blend socks
  - o Straps for glasses (if worn)

- Fluids (water or sports drink)
- Food (high energy snacks)
- Sun screen – SPF 15 minimum recommended
- Personal items (first aid needs (i.e. inhalers, EpiPen, hygiene items, etc.)
- Towel
- Gear bag and large garbage bag to hold wet items

## **Fauquier County Swift Water Training Schedule**

<b><u>Time</u></b>	<b><u>Event</u></b>
0800-0900	<b>Unload and Stage Equipment at Remington Rector Tract</b>
0900-1200	<b>Direct Contact Training</b> <ul style="list-style-type: none"> <li>• Capture Timing</li> <li>• Type V Rescue PFD Release</li> <li>• Capture Timing Tethered Swimmer</li> <li>• Zip Line</li> </ul>
1200-1300	<b>Lunch</b>
1300-1700	<b>MCP</b>

Questions regarding this general order should be directed to Captain Brian Latham.