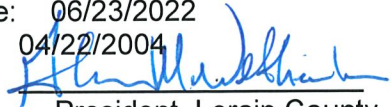


LORAIN COUNTY FIRE DEPARTMENTS Standard Operating Guidelines

Water Shuttle Operations	SOG: 013 Effective Date: 06/23/2022 Supersedes: 04/22/2004 Approved:  President, Lorain County Fire Chiefs Association Page 1 of 4
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.10 PURPOSE

To assure a sufficient water supply for both rural and suburban fire incidents through effective use of water shuttle operations.

.20 DIVISION AFFECTED

All Lorain County Fire, Rescue, EMS, and law enforcement agencies.

.30 RESPONSIBILITIES

.31 All officers/supervisors are responsible to comply with and ensure that personnel under their command are adequately trained, fully understand, and comply with this guideline.

.32 All personnel have the responsibility to learn and follow this guideline.

.40 PROCEDURE

.41 It will be the on-going responsibility of the Incident Commander to assign a Water Supply Officer (WSO) during water shuttle or relay operations. The water supply sector will be identified by the function, and will use the radio designation "Water Supply".

.50 DUTIES OF WATER SUPPLY OFFICER

.51 The WSO is responsible for the following:

- Report to the Incident Commander and assume control over all water supply operations.
- Provide sufficient water at the fire scene, planning for availability and requirements at all locations. May use a set of files, showing water supply points and a listing of available mutual aid tankers.

conditions through the regular line of authority, although they may exercise emergency authority to stop or prevent unsafe acts when immediate action is required.

.70 GENERAL GUIDELINES FOR WATER SHUTTLE

.71 Water shuttle operations require the operation of various fire department vehicles in a timely, but safe, manner. In an effort to meet these requirements, the following procedures have been assembled to serve as a guideline with an emphasis on safety:

1. All responding units will not exceed posted speed limits.
2. Drivers shall drive in a safe manner, exercising due regard. Speed and driving practices must be adjusted to road, weather and traffic conditions so that all responding units can be stopped and maneuvered before backing. All vehicle occupants shall wear seat belt and safety equipment.
3. Backup up of apparatus shall be avoided whenever possible. When backing up is unavoidable, a spotter must be used to assist the driver. When no guide is available, the driver will walk to the rear of the apparatus to check before backing.
4. Under no circumstances, during a response, training exercise or any other operation, shall any personnel ride on the tailboard or a sideboard of any fire department apparatus.
5. Full protective clothing, including reflective traffic vests, must be worn at all times when operating on, or near the roadway. Command may use discretion to regulate this in those situations where exemptions appear necessary, such as weather conditions which may compromise firefighters safety.
6. Helmets are required by all personnel, with the chin strap in place.
7. Guides must never stand between portable tanks and the back of the apparatus.
8. The Driver, or if required the Assistant Driver, shall operate the dump valve controls, only after someone (Assistant WSO) gives them permission to do so.
9. A qualified driver shall remain in the driver's seat at all times at the dump site, unless replaced by another driver.
10. When placing multiple dump tanks, make sure that they are placed close enough to use jet siphons.
11. Be careful not to damage the tank liner when installing the jet siphons.
12. Dump site pump operator will communicate with the attack pump operator as to when the supply of water is running low.
13. Dump tank pump operator will refill the booster tank as soon as possible while supplying water to the attack pumper.

14. Dump tank pump operator shall reserve 1/4 booster tank for the purpose of assisting in draft, and also to check the jet siphon when there is insufficient water in the dump tank to take draft.
15. Fill site pump operator will not stop the pump between filling tankers. (Use a discharge line to return water to the pond or lake during this time.)
16. Open and close all valves slowly, to prevent water hammer.
17. Add a relief valve to prevent water hammer.
18. Contact Rural or City water departments when using a hydrants for filling.
19. Use attached Dump Site and Fill Site forms for all incidents and training.