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Big Water Drill

2007 MSFA State Convention
Rural Water Supply Workshop
Ocean City, Maryland
June 2007

Overview

- Members of the Maryland State Fireman's Association's *Rural Water Supply Committee* were asked to present a "hands-on" seminar on tanker operations.
- The drill was staged in the parking lot of the convention center where a "mini" tanker shuttle operation was set up.

Overview

- The 90-minute session covered the set up and operation of a dump site and a tanker fill site.
- The dump site was built in a step-by-step manner with the instructors taking time to carefully point out the critical elements of dump site operations.

Dump Site Set-Up

Crews set-up the dump site in the parking lot of the Ocean City, MD Convention Center.



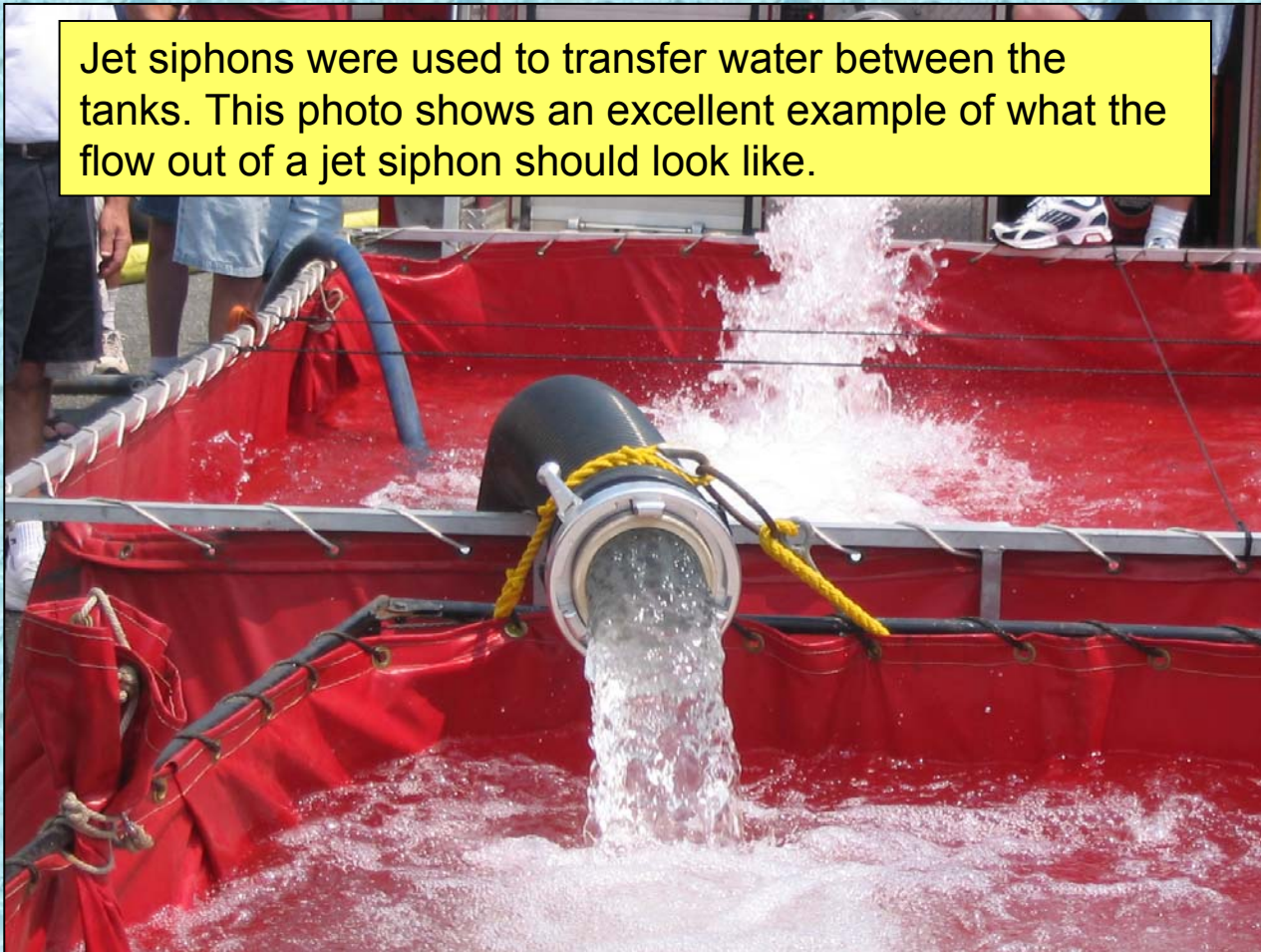
Dump Site Set-up



- Three, large capacity dump tanks were used to simulate a dump site set-up for a 1000+ gpm fire flow.
- The tanks were spaced out to allow for two tankers to dump at once if needed.

Jet Siphon

Jet siphons were used to transfer water between the tanks. This photo shows an excellent example of what the flow out of a jet siphon should look like.

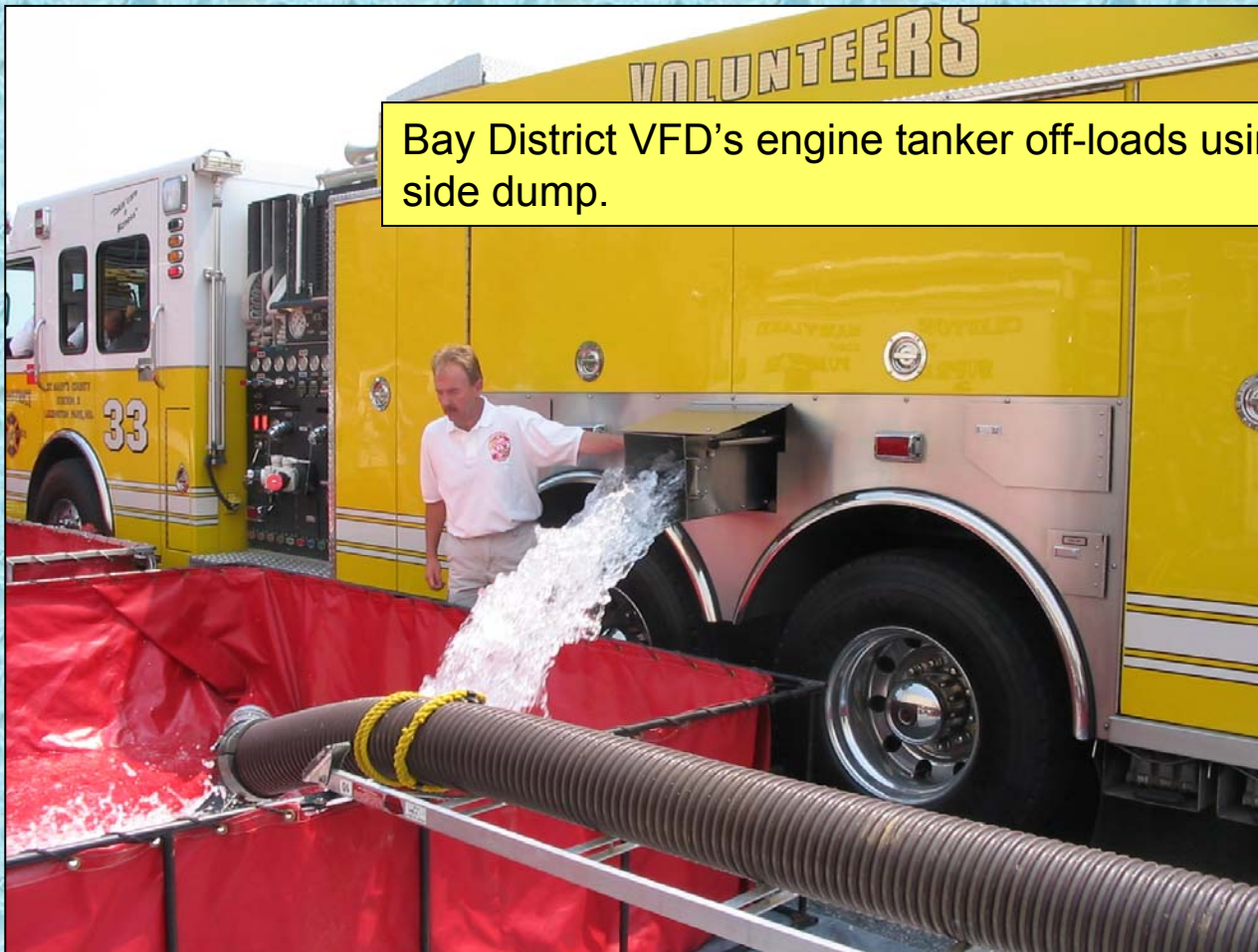


Storz Suction Fittings



Storz-type suction fittings allow suction hose to be quickly connected.

Tanker Shuttle



Bay District VFD's engine tanker off-loads using its side dump.

Tanker Shuttle

Ocean City VFD's 3200-gallon tanker gets into position to use its rear dump.



Jet Dump

- Ocean City VFD's tanker is equipped with a jet dump.
- This photo shows a simple gravity dump.



Tanker Jet Dump

Things change a bit when the jet dump is engaged.



Dump Site Officer

It is critical to have only ONE person directing tankers into the Dump Site – this reduces confusion over who to watch when approaching the site.



Fill-Site Operations

Clinton VFD's new 2000 gpm engine served as the fill-site engine.



Fill-Site Operations



These rear discharges are ideal for water supply operations.

Fill-Site Operations



- Laytonsville VFD's ET717 was the third tanker in the water supply drill.

Fill-Site Operations

Clinton's engine fills Laytonsville's 2500-gallon engine tanker in little time.

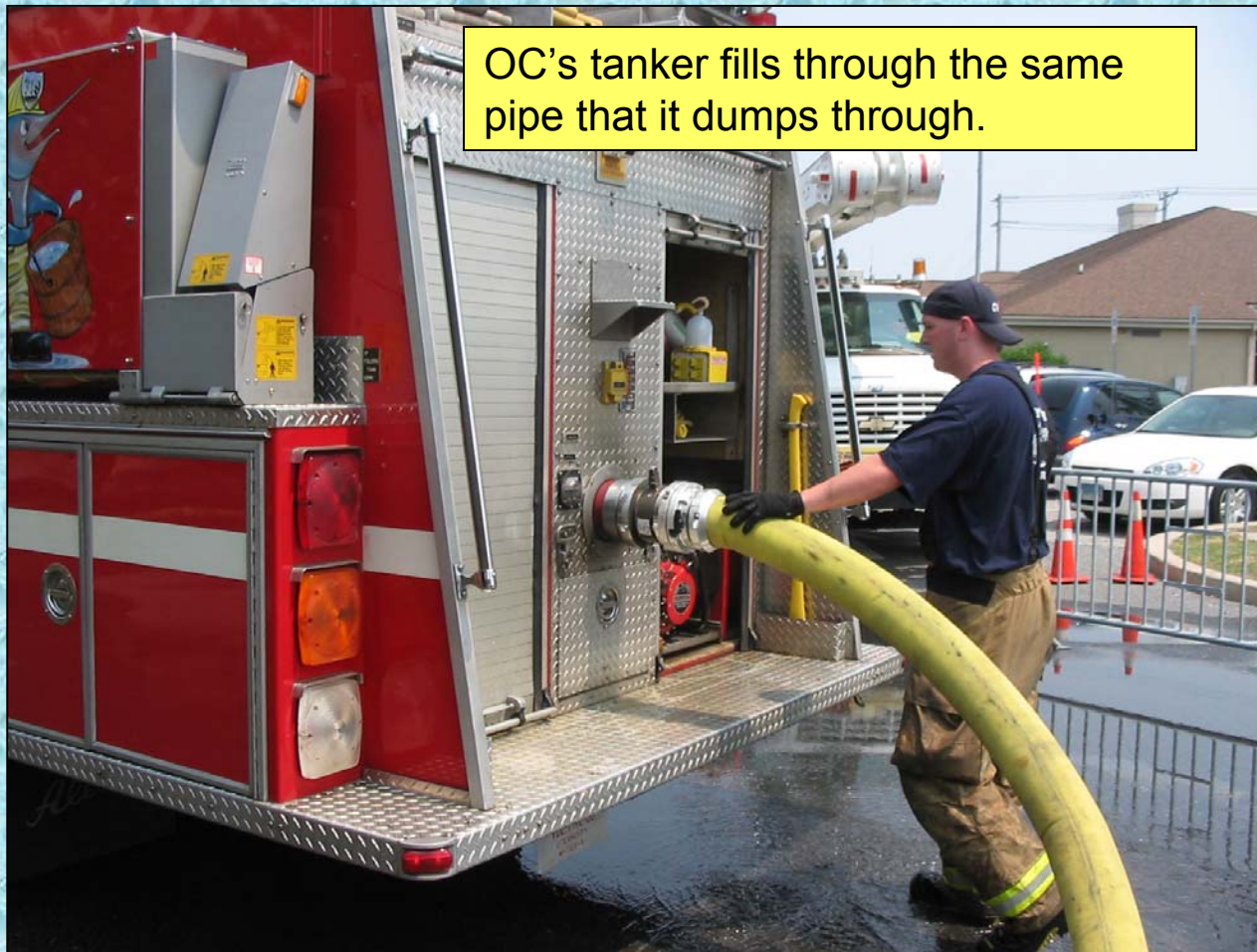


Fill-Site Operations

Ocean City's 1989 Alexis tanker at the fill-site.

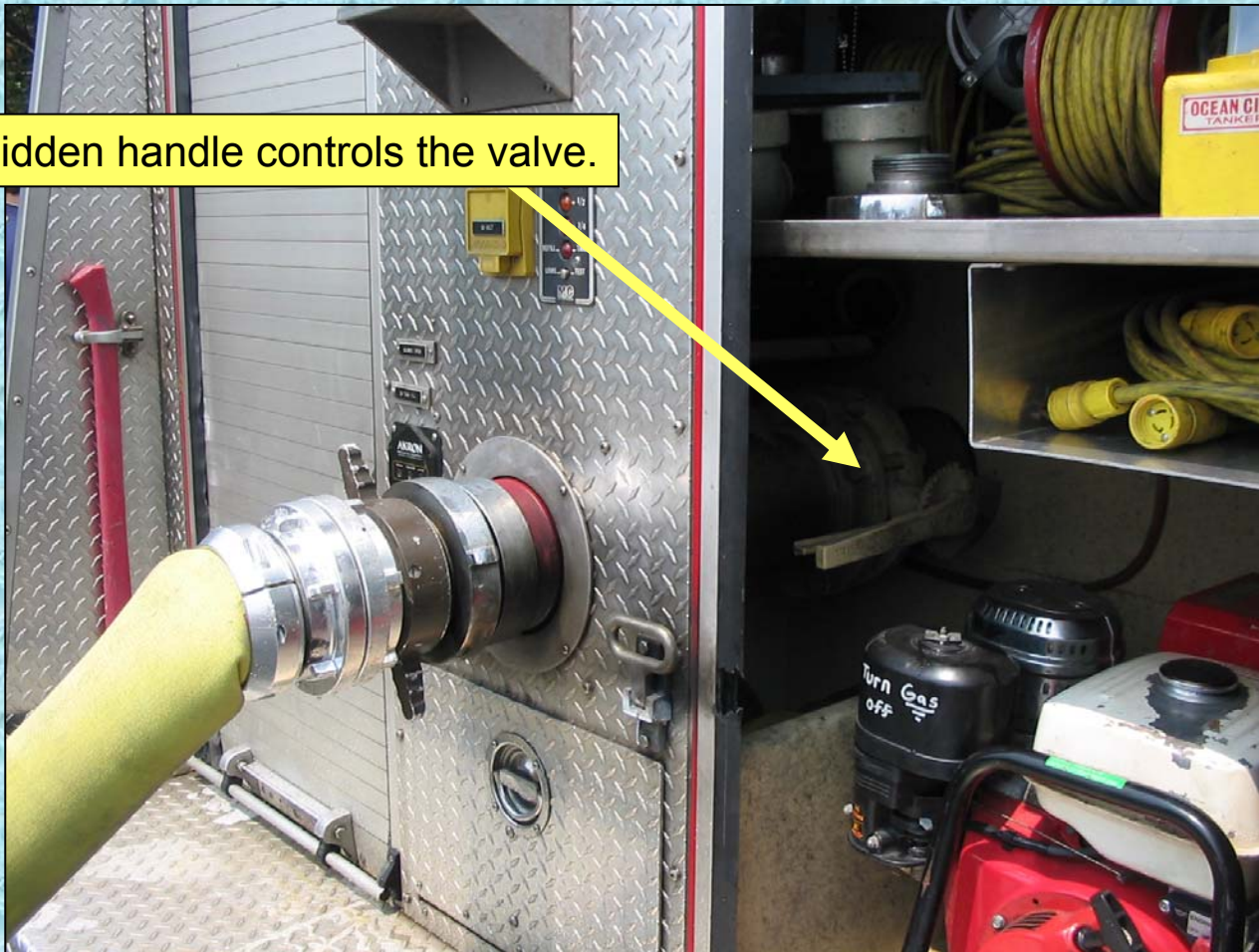


Fill-Site Operations



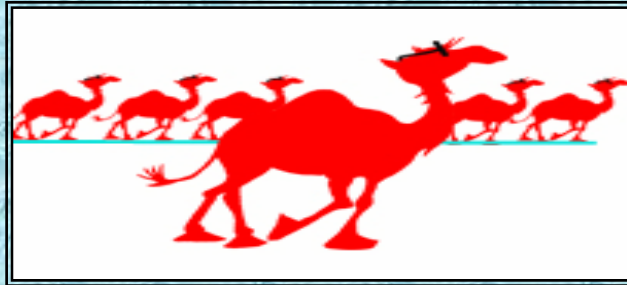
Fill-Site Operations

A hidden handle controls the valve.



Summary

- The mini-water supply seminar was well attended and received positive comment from many in attendance.
- The MSFA Rural Water Supply Committee reminds fire departments that it is important to remain current on water supply delivery skills in order to be proficient for when the “big one” happens.



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