



[www.GotBigWater.com](http://www.GotBigWater.com)

# Big Water Test Data

**Liquid Trans Hydro Mini  
Open Relay Test  
Winfield, MD  
May 2004**

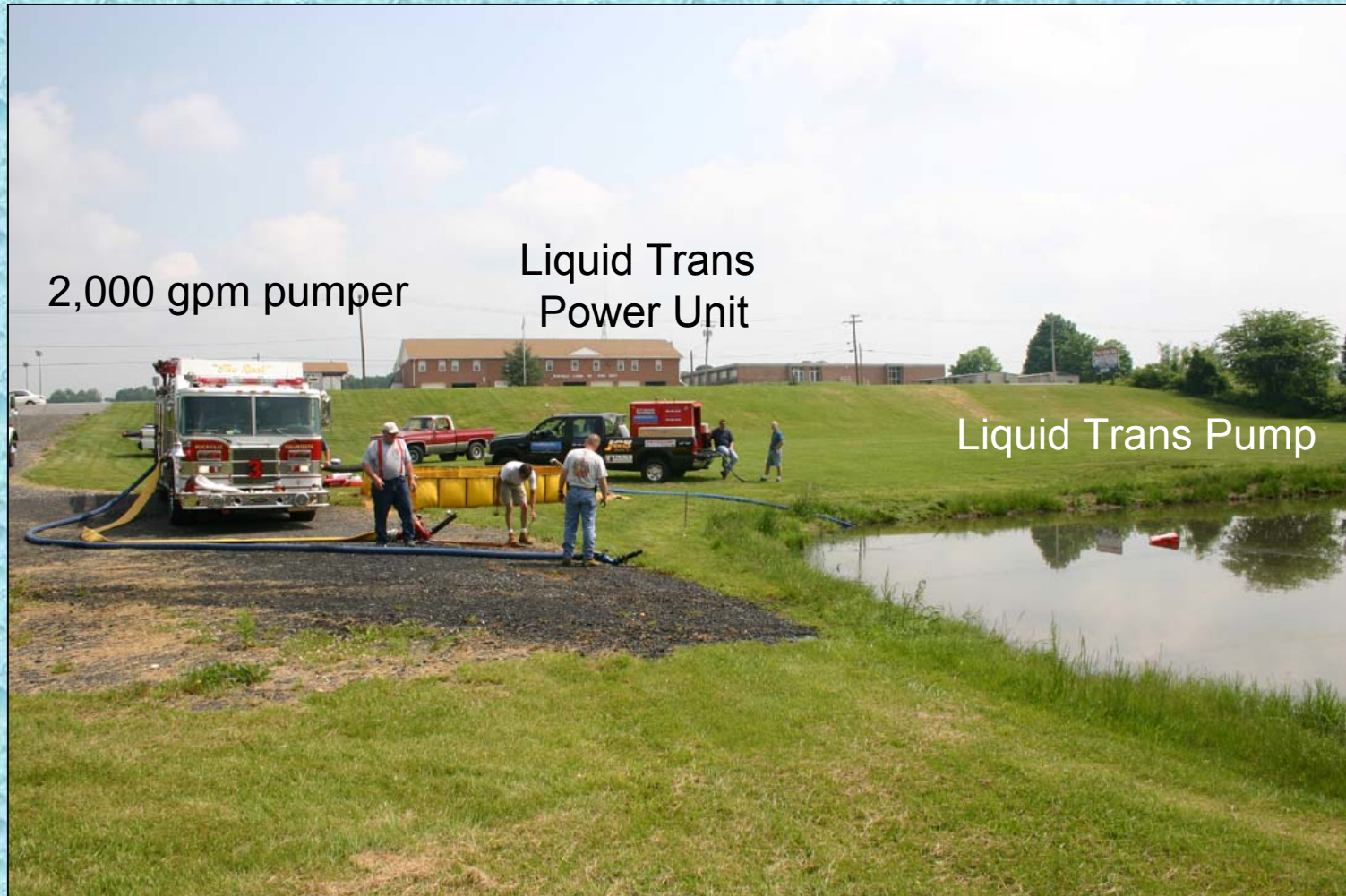


# Facts & Figures...

- This presentation is from the archives of Larry Davis.
- During May 2004, Larry Davis, Vice President of GBW Associates, LLC led a series of performance tests and operational demonstrations on the Liquid Trans Hydro Mini.
- The open relay test was conducted at a fire water pond located on the property of the Winfield Community VFD in Carroll County, Maryland.
- This presentation is a brief summary of the various tests.
- Unfortunately, we do not have the flow results of the test.



# Test Set-up



2,000 gpm pumper

Liquid Trans  
Power Unit

Liquid Trans Pump



# Pumping a 3-inch Line

The blue hose is a 3-inch hose line connected to the pump's discharge outlet.





# Pump in the Pond



The Mini's pump afloat in the pond.



# Deep Water



The Mini's pump in deep water



# 3-inch Hose Line

3" discharge line from Mini's pump





# Open Relay Set-up

Open relay supplies a 2,000-gpm engine





# Open Relay Set-up

3" line from Mini's pump connected to 6" hard suction to supply porta-tank – the other end of the suction hose is open and free flowing on the tank bottom





# Open Relay Set-up

A couple of adaptors were needed to make this work.





# Open Relay Set-up



A barrel strainer was added to help diffuse the flow.



# Flow Set-Up

The mini pump feeds the porta tank, the pumper drafts from the porta tank and then supplies the portable monitor and a TFT Blitzfire.





# Flow set-up

Flow readings are then taken at the devices.







[www.GotBigWater.com](http://www.GotBigWater.com)

*This program was developed by*

*GBW Associates, LLC*

*© 2010*

*No part may be used or copied  
without expressed written consent.*

*For more information contact us at*

*[thebigcamel@gotbigwater.com](mailto:thebigcamel@gotbigwater.com)*