
M E M O R A N D U M

DATE: October 16, 2006
TO: Ron Graham
Tennessee Regulatory Commission
FROM: Jere W. Dougan
Water Pollution Control - Jackson
RE: Shiloh Falls Utilities, Inc.
Permit No. SOP-94011
Hardin Co.

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MESSAGE:

Shiloh Falls Utilities, Inc. wastewater consists of a 50,000 GPD lagoon, a recirculating sand filter (which was upgraded in 1999), and ultraviolet disinfection. Treated effluent is periodically sprayed on a 6 acre wooded tract on the southwest side of the lagoon. The system was designed to spray on the Shiloh Falls golf course, but that arrangement was never satisfactory for either party. Now that the spray field is under SFU's control they can dispose of wastewater whenever necessary, weather permitting.

In addition to five lift stations in the collection system, there are numerous small grinder pump stations in the Shiloh Falls development which serve one or two homes each. However, SFU, Inc. is only responsible for the upkeep of 8 or 10 of these.

F&M Consulting, Inc. in Savannah was involved in both the upgrade of the sand filter and the engineering of the spray field. They are a good source if you need specifics concerning manufacturers, pump sizes, etc.