

### Home Sewage System Plans Show Promise

(Editor's Note: The following article by Tom Byrd appeared in the Autumn-Summer edition of "Research and Farming" which is produced at N. C. State University. It should be of interest to landowners to our circulation area.)

Promising results have been obtained at the Tidewater Research Station near Plymouth on two new systems for handling home sewage.

Dr. Bobby L. Carlile, a soil scientist from N. C. State University, says the new systems may help thousands of home owners who are having problems with conventional septic tanks. After a year of testing, Dr. Carlile reports encouraging results from his "septic renovation levee" and his "low pressure, shallow pipe system."

"Both of these systems appear to have possibilities for soil with shallow bedrock, high water table or low permeability," he said. A third system being tested, known as the "Case system," has no place in a high water table area but may have a place in areas with slowly permeable soils, he added.

Dr. Carlile's work is being supported by the N. C. Agricultural Experiment Station and the N. C. Agricultural Extension Service. His field tests were located at the Tidewater Research Station because of high water table and the widespread problems with septic tanks in the area. Also working on the project is Dr. Keith Cassel, an NCSU soil physicist.

Over 80 per cent of the land in one nearby county is estimated to be unsuitable for conventional home septic systems. Another survey reveals that septic tank failures are the major environmental health problem in 85 of North Carolina's 100 counties.

"Our research shows it is possible to build a septic field in areas where the soil is unsuitable for a conventional home disposal system," the NCSU soil scientist explained.

The septic renovation levee is simply a mound of sand and other soil materials laced with pipe through which sewage effluent is pumped. Treatment takes place within the mound instead of below ground, as is the case with a conventional system.

Carlile's experimental mound is about 15 feet wide, 50 feet long and about four feet high. A smaller mound might be used where a shallow layer of natural soil is available to help with the treatment.

The low pressure, shallow pipe system is designed especially for areas with shallow soil. This system features a network of small perforated pipe buried 12 to 14 inches instead of the usual 36 inches.

Dr. Carlile estimates that both systems will be more expensive to install and they each require an electric pump to operate.

However, he feels they are a satisfactory alternative in vast areas of the state where the soil is unsuitable for conventional "on-site" sewage treatment.

County sanitarians and health officials are being kept up-to-date on the progress on his research.

### Flea Market Place Changed To Armory

The Flea Market on April 10 sponsored by Historic Edenton, will be held in the National Guard Armory, rather than the Woolard Building.

Bring your Flea Martet items to the National Guard Armory. Someone will be there on April 9 from 10 A.M. until 5 P.M. to accept articles, furniture and so forth.

Co-chairman of The Flea Market are Gayle Young, 482-6387, and Jane Holmes, 482-2538.

# Belk Tyler

DOWNTOWN EDENTON

Thursday Only

SHOP THURSDAY NIGHT 'TIL 10 P. M.

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE! MISSES' PANTSUITS**  
**9.88**  
REGULAR 16.00  
100% polyester in assorted solids and fancies. Some belted styles. Long sleeves. Sizes 8 to 20.

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE! GROUP STATIONERY**  
**35¢ to 65¢**  
REGULAR 1.50 TO 3.00  
Choose from assorted sizes and colors. Quantities limited. Hurry!

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE ON NEW BATH TOWELS**  
Bath Towels ..... 79c  
Hand Towels ..... 25c  
Wash Cloths ..... 25c  
Wash Cloths ..... 19c  
Choose from solids, stripes and assorted colors.

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE! PIERCED TYPE EARRINGS**  
**2 pair \$5**  
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Choose from silver and gold styles.

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE! MISSES' PRINT BLOUSES**  
**5.00**  
REGULAR 9.00  
Polyester in patterns. Sizes 8 to 18.

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE! MISSES' KNIT SLACKS**  
**5.00**  
ORIGINALLY 9.00  
100% polyester in solid colors. Great to coordinate with print blouses. 8-18.

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE! LADIES' KNIT SHORTS**  
**2.00**  
IF PERFECT 4.00  
Slightly irregular polyester shorts in solid colors. Sizes 6 to 18.

**DOORBUSTER!**  
6:30 'TIL 10 P. M. ONLY  
**SALE! PINCH-PLEATED DRAPES**  
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IF PERFECT 10.00 PAIR  
Foam-backed draperies in assorted patterns. 63" and 84" lengths. Slight irregulars.

**SALE! LADIES' NEW SPRING AND SUMMER JEWELRY**  
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Choose from trims, ruffles or eyelet trims. Hurry and save!  
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