

Water Resources

(Note: This is a continuing ground water supplies, and report on the water resources stream use and pollution. Future study released recently by the Lancaster County Planning Commission. Previous installments have reported on county system by the year 2010.)

Water Supply Agencies Will Spend \$3.6 Million By 1985, Study Shows

by Don Timmons

A complete study of the 32 water supply agencies that service the needs of Lancaster County has been made. Data for each agency, based on 1964 figures, showed existing water facilities and projected demand on each system to the years 1985 and 2010.

The projection of needs, physical and financial, are based on the estimated rate of population growth. The projections indicate that total county populations of 446,800 could exist by 1985, and 605,000 by 2010. Population in 1964 was 181,000.

DILUTION NO SOLUTION

The study concluded that county streams are incapable of carrying any more waste material because of low flow. Although reservoirs could be constructed to augment the streams' low flow, and help dilute the pollution, the study showed that this procedure would be costly and probably inadequate in the long run.

It suggested a better solution to the problem would be to develop ground water supplies immediately, and plan

for a central supply system from the Susquehanna River by 2010. As a sidelight, it indicated that stream pollution could be best controlled by cleaning up the sources of pollution.

WATER SERVICE AGENCIES

The study showed that water utilization by all 32 of the existing water supply agencies in the county is expected to increase. In addition, new facilities will have to be installed to supply public water to the areas of Reinholds, Leaman Place, Paradise, and Gap, the study showed.

Average daily use of water by the supply agencies will increase from nearly 23 million gallons per day (M.G.D.) in 1964 to 39 M.G.D. in 1985, and 77 M.G.D. in 2010.

Evaluation of the water supply agencies showed that, prior to 1985, the communities of Elizabethtown, Rheems, Manheim, Ephrata, Denver, Reamsburg, East Petersburg, Strasburg, New Holland, and Leola will need additional supply sources. The study recommends

ground water development for these areas at a total estimated cost of \$1,625,000. Total

cost of water supply facilities development between 1965 and 1985 was estimated at \$3,666,000.

Prior to 1985, the study goes on to say, 23 of the water supply agencies should join a cooperative effort to meet their 2010 water demands. This cooperative effort is termed the "Upper Susquehanna River Water Supply Project". It involves the utilization of Susquehanna River water to meet over 90 percent of the combined 2010 water demands of all county water supply agencies. This cooperative plan will be discussed in detail in the next installment.

SWCD

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transfers. The board voted to petition the county commissioners to post the District on all land transfers of 15 acres or more.

With an eye toward the state annual meeting which will be hosted by Lancaster County next November 8, 9, and 10, the board approved a letter to be sent to every district director in the state who did not attend the recent annual meeting at Lewistown. Other material pointing out highlights of Lancaster County's agricultural and tourist attractions will be sent later.

It was decided that the District's annual report would again be published in Lancaster Farming, as in former years, but that this year the District would also have it summarized in a brochure form for circulation outside the county.

In other business, Bass pointed out that the deadline for Future Farmers of America

Poultry Assn.

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R. Huber, Lititz R3; treasurer, J. Harold Esbenshade, Manheim R2. Reelected to the office of vice president was Claude H. Hess, 2462 New Holland Pike, Lancaster.

In other business, the directors discussed plans for an upcoming series of educational

meetings to be sponsored by the association. Committee chairman Esbenshade told the board that the meeting dates had been tentatively set for January 24, and February 7 and 28. A definite schedule and description of the meetings will be released when plans are completed, Esbenshade said.

In discussing plans for increasing the membership and effectiveness of the association in the coming years, directors heard Floyd Hicks, Penn State Extension poultry specialist, suggest that any new association administration should develop a definite plan of action to carry the association to a pre-determined objective.

"Whether it's advertising poultry products along county highways, or sponsoring a scholarship fund, the associations that continue to be effective and active year after year are those that are doing something," Hicks said.

Oversalt the soup? Put a peeled potato or two into the pot. Let soup simmer a bit. The potatoes will absorb the extra salt.

Robert K. Rohrer

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