



Photo by New Mexico Department of Game and Fish

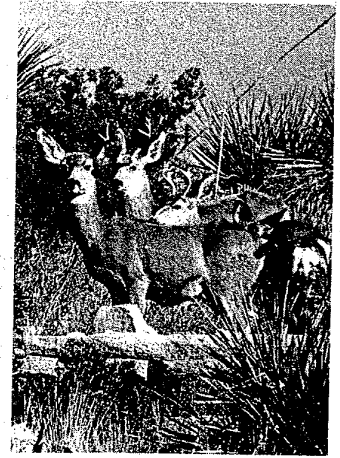
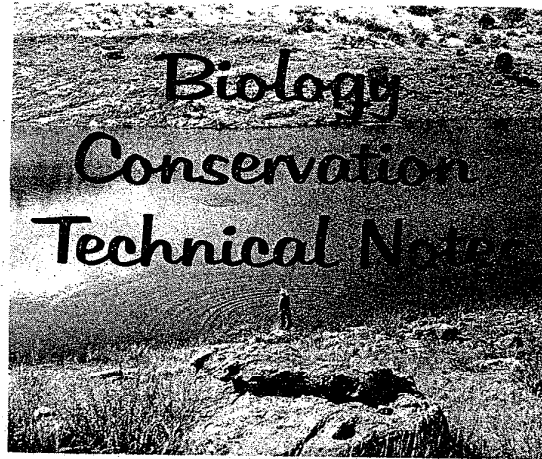


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U. S. DEPARTMENT OF AGRICULTURE NEW MEXICO SOIL CONSERVATION SERVICE

RECORD COPY

BIOLOGY NOTE NO. 18

October 25, 1972

SUBJECT: Typical Design of a Circular Pool Raceway with a Closed Water System

Attached is a single copy of a series of engineering drawings which detail the component units of a fish production facility.

This technical note is intended as a working reference for work units. Fish production units must be individually sized in accordance with available water supplies and production goals. Recirculation and treatment of a portion of the water may offer production advantages, particularly where available water supplies are limited.

The design represents a catfish production facility which was constructed at Hobbs, New Mexico. The facility has experienced production difficulties in the first season of operation. Most of the difficulties can be attributed to a lack of operational experience. It is felt that the basic facility design is reliable.

Attachment

AC's & DC's

Area Biologists

Regional Biologists: Portland, Lincoln, Fort Worth, Upper Darby

State Biologists: Arizona, California, Colorado, Idaho, Montana, Nevada, Oregon, Utah, Washington, & Wyoming

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Work unit personnel should obtain staff assistance in preparing designs for fish production facilities of this type.

This technical note is not for public distribution.

Additional copies are available from the state office. Submit requests to the Plant Science Section.