

# TECHNICAL NOTES

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U.S. DEPARTMENT OF AGRICULTURE  
BOISE, IDAHO

NATURAL RESOURCES CONSERVATION SERVICE  
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ENGINEERING – NO. 16

## **FILTER DIAPHRAGMS FOR CO-01 STRUCTURES**

### DESCRIPTION

The attached material was prepared by Danny McCook, Civil Engineer (Geotechnical) on the National Design Construction and Soil Mechanics Center staff, NRCS, Ft Worth, Texas.

The technical note provides a good discussion regarding:

1. Seepage considerations on structures.
2. The use of filter diaphragms versus anti-seep collars on Conservation Practice Standard 378, Pond size structures.
3. Design considerations for filter diaphragms and seepage collars.

Attachment: “National Resources Conservation Service, National Design Construction and Soil Mechanics Center, Technical Note – Filter Diaphragms for CO-01 Structures”.