

TR-379

Flow Measurement for Structure Assessment in Richmond Irrigation District

E. Leigh, M. Henry, G. Fipps

- [Full Text](#)

Extension Agricultural Engineering investigated the flume and flow measurement problem of Richmond Irrigation District. *At normal operating conditions, the existing flume is over 90% submerged which makes it inaccurate for flow measurement.* An alternative is to calibrate the radial gate and use it for flow measurement. Accuracy is expected to be within 5 to 10% using this approach.

Texas Water Resources Institute

1500 Research Parkway A110
 2260 TAMU
 College Station, TX 77843-2260

Phone:
 979.845.1851
 Fax: 979.845.0662
 Email:
twri@tamu.edu

TWRI and the [Texas A&M Institute of Renewable Natural Resources](#) are working together to foster and communicate research and educational outreach programs focused on water and natural resources science and management issues in Texas and beyond.