

WATER CONSERVATION IN THE RIO GRANDE VALLEY

Improvements, Potential, Challenges

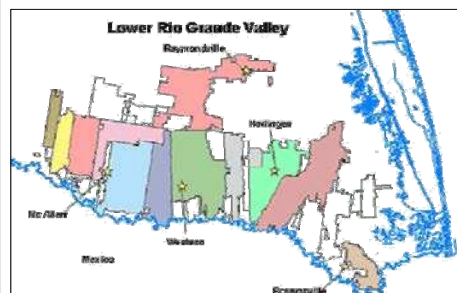
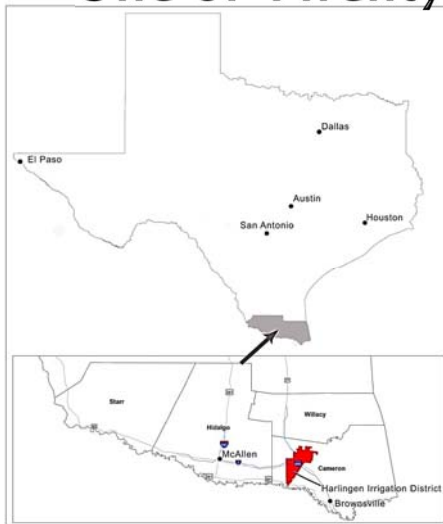


HARLINGEN
IRRIGATION DISTRICT

Delivering Water Since 1914.

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Harlingen Irrigation District One of Twenty Seven Districts





Falcon Reservoir November 2002

Water Efficiency Improvement Projects 2003-2009

Lower Rio Grande Valley Water Conservation Program (BOR)

Rehabilitation of 8.5 Miles of Open Canal and Laterals
Telemetry and Flow Measurement

2025 Western Water Initiative Grant (BOR)

Installation of 100 On-Farm Flow Meters
9 Flow Metering Bridges With Remote Telemetry

Water SMART System Optimization Review (BOR)

Survey and Review Water Delivery System
Identify Future Enhancements to Delivery System



Maximizing ag water efficiency =
integrating on-farm application
with district delivery systems



Primary Tasks

Demonstrate On-Farm Water Conservation
Technologies

Develop Strategies to Conserve and Manage
Water at the District Level

Educate Growers About Water Conservation

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Title search: Water Conservation in the Rio Grande Valley: Improvements, Potential, Challenges

Also available as part of the eCourse

[Water Conservation and Permitting Decisions](#)

First appeared as part of the conference materials for the
2015 Texas Water Law Institute session

"Water Conservation Considerations for Water Rights Permitting and Water Supply
Planning"