

## Annual Reports

For Conservation Planning

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## Purpose of Annual Report

- Track progress
- To see where improvements are needed

## Who is required?

- Retail public water suppliers with 3,300 connections or more
- TWDB Financial assistance > \$500,000
- Water right with TCEQ
- Non-water suppliers

## What's new in the 2011 Report?

- Volumetric data - in gallons
- Self calculating fields
- Regional Water Planning Group
- Water Loss Targets (gpcd and percentage)
- Education and Information Program (Total)
- Drought Contingency (number of days)

## Reporting Period

- Fiscal or Calendar year
- Consistent with plan
- Due date each year – May 1

## Total gallons of water produced

- Specify Treated or Raw (minus wholesale)
- On page 4, Water Loss/Leak Detection  
The Production volume will auto fill in

## Population of Service Area

- Census usually used to determine
- (Total gpcd and water loss): Auto fill in after entered

## Total GPCD

- Residential, commercial, institutional, hospitals, public schools, office buildings, restaurants
- Auto fill

## Residential GPCD

- Total single family + multi-family residential sales multiplied by population served, divide by 365
- Based on Water Sales
- Issue: Unknown population of multi-family per unit

## Total Connections

- A connection is a metered connection where the pipe meets the end user
- May be 1 meter for entire unit (apts., trailer parks)
- A single family residential unit or each commercial or industrial establishment to which potable water is supplied from the system.

## Water Loss

- Auto fill fields
- GPCD and Percentage

## Targets and Goals

- Targets and goals as stated in your adopted plan

## Estimated Gallons Saved / Dollar Value

- How to determine?
- Water Savings
- Dollar Value

## Effectiveness of Program

- Successes
- Issues

## Education

- Communicating with Customers
- School Programs

## Retrofit and Plumbing Rebates

- Toilets
- Showerheads
- Faucet Aerators
- Other

## Rate Structure

- Non-Promotional
- Cost Based
- Does not encourage excessive use

## Universal Metering

- Totals:
  - Number
  - Tested
  - Repaired
  - Replaced

## Water Loss and Leak Detection

- Production (From p. 1)
- Sold
- Un-metered use
- Water Loss (auto calculation)
- Leaks Repaired

## Conservation Programs

- Landscape
- Educational
- School Education
- Rainwater Harvesting
- Leak Detection
- Water Loss
- Reuse
- Treated Effluent

## Improvements

- How can your utility improve?
- How can the TWDB help?

## Recycling and Reuse

- On-site irrigation
- Plant wash down
- Chlorination/de-chlorination
- Industrial
- Landscape irrigation
- Agricultural

## Drought Contingency Plan

- Number of days active
- Reason for implementing the DCP.

## Questions?

- <http://www.twdb.state.tx.us/assistance/conservation/Municipal/Plans/documents/AR10.pdf>
- Save and send