IDENTIFYING WATER CONSERVATION TARGETS AND GOALS
Determining total GPCD is helpful in establishing water-use benchmarks and evaluating conservation measure effectiveness within your utility.

To calculate total GPCD you must know your entity’s total system input and the permanent population of your service area.

- Total system input (TSI) is calculated by adding the water produced to any imported water minus any exported water.
  - \( (TSI = \text{Produced} + \text{Imported} - \text{Exported}) \)
Once you have calculated your Total System Input (TSI) you must divide that total by your permanent population and then divide by 365 to get your total GPCD.

\[ \text{GPCD} = \frac{\text{TSI}}{\text{Permanent Population} \div 365} \]
An annual water loss audit is the best way to determine your entity’s baseline and is mandatory for entities receiving financial assistance from TWDB. An annual water loss audit is recommended for all other entities.

It is mandatory for all retail water providers to perform a water loss audit every five years.

For more information on water loss auditing, refer to the Water Loss Audit Manual for Texas Utilities.
IDENTIFYING TARGETS AND GOALS

- Once a baseline has been identified you can determine appropriate goals for water conservation and loss prevention for 5 and 10 years into the future.
- Remember, identifying future targets and goals is a required part of the Water Conservation Plan and is the foundation for reducing the loss or waste of water, improving water use efficiency, and for increasing the reuse of water.
IDENTIFYING TARGETS AND GOALS

- To assist you in explaining your targets and goals in your Water Conservation Plan, use TWDB’s Form 1964 - Water Conservation Plan 5- and 10-Year Goals For Water Savings.

- To access this form go to: http://www.twdb.texas.gov/conservation/municipal/plans/doc/GoalsTableForm.pdf.
For additional help, contact:

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