**Texas Commission on Environmental Quality**
**Water Availability Division**
**MC-160, P.O. Box 13087 Austin, Texas 78711-3087**
**Telephone (512) 239-4600, FAX (512) 239-2214**

# Utility Profile and Water Conservation Plan Requirements for Municipal Water Use by Retail Public Water Suppliers

This form is provided to assist retail public water suppliers in water conservation plan assistance in completing this form or in developing your plan, please contact the Conservation staff of the Resource Protection Team in the Water Availability Division at (512) 239-4600.

*Water users can find best management practices (BMPs) at the Texas Water Development Board's website http://www.twdb.texas.gov/conservation/BMPs/index.asp. The practices are broken out into sectors such as Agriculture, Commercial and Institutional, Industrial, Municipal and Wholesale. BMPs are voluntary measures that water users use to develop the required components of Title 30, Texas Administrative Code, Chapter 288. BMPs can also be implemented in addition to the rule requirements to achieve water conservation goals.*

**Contact Information**

| | |
|---|---|
| Name of Water Supplier: | City of Toyah |
| Address: | 120 W 2nd |
| Telephone Number: | (432) 259-3908 Fax: N/A |
| Water Right No.(s): | |
| Regional Water Planning Group: | Region F |
| Water Conservation Coordinator (or person responsible for implementing conservation program): | MISTY BEGAY Phone: (432) 259-3908 |
| Form Completed by: | Naomi Machuca |
| Title: | Mayor Protem |
| Signature: | Misty Begay Date: 9/8/26 |

**A water conservation plan for municipal use by retail public water suppliers must include the following requirements (as detailed in 30 TAC Section 288.2). If the plan does not provide information for each requirement, you must include in the plan an explanation of why the requirement is not applicable.**

# Utility Profile

## I. POPULATION AND CUSTOMER DATA

### *A. Population and ~~Service Area Data~~*

1. Attach a copy of your service-area map and, if applicable, a copy of your Certificate of Convenience and Necessity (CCN).

2. Service area size (in square miles): 8.2 square miles

   (Please attach a copy of service-area map)

3. Current population of service area: 70

4. Current population served for:

   a. Water 41

   b. Wastewater 39

5. Population served for previous five years:

| *Year* | *Population* |
|---|---|
| 2025 | 70 |
| 2024 | 70 |
| 2023 | 70 |
| 2022 | 70 |
| 2021 | 70 |

6. Projected population for service area in the following decades:

| *Year* | *Population* |
|---|---|
| 2030 | 80 |
| 2040 | 90 |
| 2050 | 100 |
| 2060 | 110 |
| 2070 | 120 |

7. List source or method for the calculation of current and projected population size.

NEW INDUSTRY COMING INTO OUR AREA

*B. Customer Data*

Senate Bill 181 requires that uniform consistent methodologies for calculating water use and conservation be developed and available to retail water providers and certain other water use sectors as a guide for preparation of water use reports, water conservation plans, and reports on water conservation efforts. A water system must provide the most detailed level of customer and water use data available to it, however, any new billing system purchased must be capable of reporting data for each of the sectors listed below. More guidance can be found at: http://www.twdb.texas.gov/conservation/doc/SB181Guidance.pdf

1. Quantified 5-year and 10-year goals for water savings:

| | *Historic 5-year Average* | *Baseline* | *5-year goal for year* | *10-year goal for year* |
|---|---|---|---|---|
| Total GPCD | | | | |
| Residential GPCD | | | | |
| Water Loss GPCD | | | | |
| Water Loss Percentage | | | | |

**Notes:**
Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365
Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365
Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365
Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

2. Current number of active connections. Check whether multi-family service is counted as ☒ Residential or ☒ Commercial?

| *Treated Water Users* | *Metered* | *Non-Metered* | *Totals* |
|---|---|---|---|
| Residential | | | |
| Single-Family | 36 | | |
| Multi-Family | | | |
| Commercial | 5 | | |
| Industrial/Mining | | | |
| Institutional | | | |
| Agriculture | | | |
| Other/Wholesale | | | |

3. List the number of new connections per year for most recent three years.

| Year | 2025 | 2026 | 2024 |
|---|---|---|---|
| *Treated Water Users* | | | |
| Residential | 1765000 | | |
| Single-Family | 2 | 0 | 1 |
| Multi-Family | | | |
| Commercial | 709000 | 0 | 0 |
| Industrial/Mining | | | |
| Institutional | | | |
| Agriculture | | | |
| Other/Wholesale | 228000 | | |

4. List of annual water use for the five highest volume customers.

| *Customer* | *Use (1,000 gal/year)* | *Treated or Raw Water* |
|---|---|---|
| INGRAM | 225,000 | treated |
| GPM | 216,000 | treated |
| begay B | 165,000 | treated |
| begay M | 123,000 | treated |
| garcia | 120,000 | treated |

## II. WATER USE DATA FOR SERVICE AREA

### *A. Water Accounting Data*

1. List the amount of water use for the previous five years (in 1,000 gallons).

   Indicate whether this is ☒ diverted or ☒ treated water.

| *Year* | 2025 | 2024 | 2023 | 2022 | 2021 |
|---|---|---|---|---|---|
| *Month* | | | | | |
| January | 287000 | 424500 | 685000 | 824000 | |
| February | 899000 | 655000 | 423000 | 702000 | |
| March | 937000 | 2434000 | 552000 | 336000 | |
| April | 1024000 | 820000 | 501000 | 1038000 | |
| May | 666000 | 698500 | 512000 | 1726000 | |
| June | 24000 | 737800 | 590000 | 1298000 | |
| July | 17000 | 413000 | 1640000 | 1528000 | |
| August | 15000 | 1255000 | 1179000 | 1250000 | |
| September | 1077000 | 890700 | 1180000 | 935000 | |
| October | 27000 | 1239000 | 924000 | 744000 | |
| November | 0 | 435000 | 758900 | 485000 | |
| December | 0 | 501600 | 1245000 | 685000 | |
| **Totals** | 4973000 | 11441724 | 10189900 | 11551000 | |

2. Describe how the above figures were determined (e.g, from a master meter located at the point of a diversion from the source or located at a point where raw water enters the treatment plant, or from water sales).

   AMOUNT OF RAW WATER PURCHASED

3. Amount of water (in 1,000 gallons) delivered/sold as recorded by the following account types for the past five years.

| *Year* | 2025 | 2024 | 2023 | 2022 | 2021 |
|---|---|---|---|---|---|
| *Account Types* | | | | | |
| Residential | 1765000 | | | | |
| Single-Family | 1765000 | | | | |
| Multi-Family | | | | | |
| Commercial | 709000 | 0 | 0 | | |
| Industrial/Mining | | | | | |
| Institutional | | | | | |
| Agriculture | | | | | |
| Other/Wholesale | 228000 | | | | |

4. List the previous records for water loss for the past five years (the difference between water diverted or treated and water delivered or sold).

| *Year* | *Amount (gallons)* | *Percent %* |
|---|---|---|
| 2025 | 2271000 | 55% |
| 2024 | | |
| 2023 | | |
| 2022 | | |
| 2021 | | |

*B. Projected Water Demands*

1. If applicable, attach or cite projected water supply demands from the applicable Regional Water Planning Group for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

## III. WATER SUPPLY SYSTEM DATA

*A. Water Supply Sources*

1. List all current water supply sources and the amounts authorized (in acre feet) with each.

| *Water Type* | *Source* | *Amount Authorized* |
|---|---|---|
| Surface Water | Big Aguya Spring | N/A |

| | | |
|---|---|---|
| Groundwater | WATER WORKS | CITY OF PECOS |
| Other | | |

*B. Treatment and Distribution System (if providing treated water)*

1. Design daily capacity of system (MGD): MILLION
2. Storage capacity (MGD):
   a. Elevated
   b. Ground 250000
3. If surface water, do you recycle filter backwash to the head of the plant?

   ☐ Yes ■ No If yes, approximate amount (MGD):

**IV. WASTEWATER SYSTEM DATA**

*A. Wastewater System Data (if applicable)*

1. Design capacity of wastewater treatment plant(s) (MGD): 18000
2. Treated effluent is used for ☐ on-site irrigation, ☐ off-site irrigation, for ☐ plant wash-down, and/or for ☐ chlorination/dechlorination.

   If yes, approximate amount (in gallons per month):
3. Briefly describe the wastewater system(s) of the area serviced by the water utility. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.

   Waste water plant has ponds that use evaportion

*B. Wastewater Data for Service Area (if applicable)*

1. Percent of water service area served by wastewater system: 98 %
2. Monthly volume treated for previous five years (in 1,000 gallons):

| *Year* | 2025 | 2024 | 2023 | 2022 | 2021 |
|---|---|---|---|---|---|
| *Month* | | | | | |
| January | 287000 | 424500 | 685000 | 824000 | |
| February | | | | | |
| March | 937000 | 2434000 | 552000 | 336000 | |
| April | 1024000 | 820000 | 501000 | 1038000 | |

| | | | | | |
|---|---|---|---|---|---|
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| December | 0 | 501600 | 1245000 | 685000 | |
| **Totals** | 4973000 | 11441724 | 10189900 | 11551000 | |

# Water Conservation Plan

In addition to the utility profile, please attach the following as required by Title 30, Texas Administrative Code, §288.2. Note: If the water conservation plan does not provide information for each requirement, an explanation must be included as to why the requirement is not applicable.

*A. Record Management System*

The water conservation plan must include a record management system which allows for the classification of water sales and uses in to the most detailed level of water use data currently available to it, including if possible, the following sectors: residential (single and multi-family), commercial.

*B. Specific, Quantified 5 & 10-Year Targets*

The water conservation plan must include specific, quantified five-year and ten-year targets for water savings to include goals for water loss programs and goals for municipal use in gallons per capita per day. Note that the goals established by a public water supplier under this subparagraph are not enforceable. These goals must be updated during the five-year review and submittal.

*C. Measuring and Accounting for Diversions*

The water conservation plan must include a statement about the water suppliers metering device(s), within an accuracy of plus or minus 5.0% in order to measure and account for the amount of water diverted from the source of supply.

*D. Universal Metering*

The water conservation plan must include and a program for universal metering of both customer and public uses of water, for meter testing and repair, and for periodic meter replacement.

*E. Measures to Determine and Control Water Loss*

The water conservation plan must include measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections; abandoned services; etc.).

*F. Continuing Public Education & Information*

The water conservation plan must include a description of the program of continuing public education and information regarding water conservation by the water supplier.

*G. Non-Promotional Water Rate Structure*

The water supplier must have a water rate structure which is not "promotional," i.e., a rate structure which is cost-based and which does not encourage the excessive use of water. This rate structure must be listed in the water conservation plan.

*H. Reservoir Systems Operations Plan*

The water conservation plan must include a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin in order to optimize available water supplies.

*I. Enforcement Procedure and Plan Adoption*

The water conservation plan must include a means for implementation and enforcement, which shall be evidenced by a copy of the ordinance, rule, resolution, or tariff, indicating official adoption of the water conservation plan by the water supplier; and a description of the authority by which the water supplier will implement and enforce the conservation plan.

*J. Coordination with the Regional Water Planning Group(s)*

The water conservation plan must include documentation of coordination with the regional water planning groups for the service area of the public water supplier in order to ensure consistency with the appropriate approved regional water plans.

*K. Plan Review and Update*

A public water supplier for municipal use shall review and update its water conservation plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information. The public water supplier for municipal use shall review and update the next revision of its water conservation plan not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. The revised plan must also include an implementation report.

## VI. ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS

Required of suppliers serving population of 5,000 or more or a projected population of 5,000 or more within the next ten years:

*A. Leak Detection and Repair*

The plan must include a description of the program of leak detection, repair, and water loss accounting for the water transmission, delivery, and distribution system in order to control unaccounted for uses of water.

*B. Contract Requirements*

A requirement in every wholesale water supply contract entered into or renewed after official adoption of the plan (by either ordinance, resolution, or tariff), and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements in this chapter. If the customer intends to resell the water, the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

## VII. ADDITIONAL CONSERVATION STRATEGIES

Any combination of the following strategies shall be selected by the water supplier, in addition to the minimum requirements of 30 TAC §288.2(1), if they are necessary in order to achieve the stated water conservation goals of the plan. The commission may require by commission order that any of the following strategies be implemented by the water supplier if the commission determines that the strategies are necessary in order for the conservation plan to be achieved:

1. Conservation-oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates;

2. Adoption of ordinances, plumbing codes, and/or rules requiring water conserving plumbing fixtures to be installed in new structures and existing structures undergoing substantial modification or addition;

3. A program for the replacement or retrofit of water-conserving plumbing fixtures in existing structures;

4. A program for reuse and/or recycling of wastewater and/or graywater;

5. A program for pressure control and/or reduction in the distribution system and/or for customer connections;

6. A program and/or ordinance(s) for landscape water management;

7. A method for monitoring the effectiveness and efficiency of the water conservation plan; and

8. Any other water conservation practice, method, or technique which the water supplier shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

## VIII. WATER CONSERVATION PLANS SUBMITTED WITH A WATER RIGHT APPLICATION FOR NEW OR ADDITIONAL STATE WATER

Water Conservation Plans submitted with a water right application for New or Additional State Water must include data and information which:

1. support the applicant's proposed use of water with consideration of the water conservation goals of the water conservation plan;

2. evaluates conservation as an alternative to the proposed appropriation; and

3. evaluates any other feasible alternative to new water development including, but not limited to, waste prevention, recycling and reuse, water transfer and marketing, regionalization, and optimum water management practices and procedures.

Additionally, it shall be the burden of proof of the applicant to demonstrate that no feasible alternative to the proposed appropriation exists and that the requested amount of appropriation is necessary and reasonable for the proposed use.