edwards aquifer
AUTHORITY

# 2025 Industrial Ag Groundwater Conservation Plan Status Report

**Your completed Groundwater Conservation Plan Status Report is due: June 30, 2025.** Please submit your completed report to: Edwards Aquifer Authority, Attn: Groundwater Conservation Department, 900 E. Quincy, San Antonio, TX 78215.

## GENERAL INFORMATION

Permit Holder Name: _____

POU No.:_____

## CONTACT INFORMATION

Contact Person: _____

Contact Address (City, State, Zip): _____

Contact Phone Number: _____Contact Fax Number: _____

Contact Email Address: _____

## BRIEF DESCRIPTION OF WATER USE

*If irrigation equipment is used, please include type, crop, and acreage in description.*

_____

_____

_____

_____

Total Number of Edwards Aquifer Connections: _____

## CERTIFICATION

I hereby certify that the information given herewith is true and accurate to the best of my knowledge and belief.

Signature of Representative: _____Date: _____

## Industrial Best Management Practices

Your completion of the above Industrial BMPs must be consistent with the following chart.

| Mandatory BMPs To Be Implemented | |
|---|---|
| All Industrial Users | Ind-1 System Water Audits, Leak Detection and Repair |
| All Industrial Users | Ind-2 Waste Water Prohibition |

**USING NON-AQUIFER ALTERNATIVE WATER**

If you have recently obtained the use of an alternative water source to replace or supplement the use of Edwards Aquifer groundwater from your well, please indicate the source, amount and date you obtained the alternative source of water.

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_____

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_____

**Ind-1 SYSTEM WATER AUDITS, LEAK DETECTION AND REPAIR**

**Required to be implemented by all industrial users.**

## System Water Audit

Under this BMP, industrial permit holders must conduct annual pre-screening system audits to determine if full-scale system audits are necessary. If a permit holder fails to account for a minimum of 85% of a system's water use, the permit holder must conduct a full-scale distribution system water audit. Unaccounted water losses must be no more than 15% of total water in the system.

Pre-screening system water audit

A pre-screening system water audit is calculated as follows:

a. determine total supply;
b. determine metered end-uses and other verifiable withdrawals; and
c. if metered end-uses plus other verifiable uses represent less than 85% of total supply, a full-scale audit is necessary.

1. What was your total metered supply into the system (Total Edwards Aquifer water produced from well)?

   2022_____ acre-feet

   2023_____ acre-feet

   2024_____ acre-feet

2. Please provide your total sub-metered or verified end use amounts below *(facilities, irrigation systems, water using equipment,).*

   2022 _____ acre-feet

   2023 _____ acre-feet

   2024 _____ acre-feet

3. What percentage of your water use was accounted for?
   Formula: Accounted water = sub-metered or verifiable use (see #4 above) / Total metered supply into system (see # 3 above) x 100.

   2022 _____ %

   2023_____ %

   2024 _____ %

   If metered end-use plus other verifiable use represents less than 85% of total supply into the system, a full-scale system water audit is necessary.

   Full-scale system water audits include accurate measurement of all water entering the facility, the inventory and calculation of all on-site water uses, any unused water sources or waste streams that may be available, calculation of water related costs, and identification of potential water efficiency measures. The information from the water audit should then form the basis for a comprehensive conservation program to implement specific water saving measures throughout the facility.

6. Have you conducted a full-scale distribution system water audit**?** **(Circle One)** ☐ Yes No ☐

   If you have conducted a full-scale water audit, please submit any documentation of your findings and the date the audit was completed.

   _____

   _____

   _____

7. If you have not yet conducted a full-scale system water audit and your pre-screened water audit represents less than 85% of total supply into the system, what are your plans to complete your audit?

   _____

   _____

   _____

**<u>Leak Detection and Repair Program</u>**: Perform distribution system leak detection when warranted, and repair identified leaks.

8. Are you currently maintaining a leak detection and repair program? **(Circle one)** ☐ Yes No ☐

9. If so, please give a brief description of your leak detection and repair program if not already provided. In addition, please describe any major repairs you have made to your system that was identified by your leak detection and repair program.

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   _____

   _____

   _____

10. For any water loss you may have had, please explain what measures are being taken to prevent water loss in the future:

    _____

    _____

    _____

    _____

    _____

## Ind-2 WATER WASTE PROHIBITION

**Required to be implemented by all industrial users.**

Water Waste Prohibition measures are actions intended to prohibit specific wasteful activities.

1. Have you adopted any policies or taken measures to prohibit wasteful activities by your customers and staff including but not limited to the following? **(Circle All That Apply)**

   a. Prohibition of landscape irrigation ☐ Yes ☐ No

   b. Runoff from property. ☐ Yes ☐ No

   (Note: Water utilities shall establish a monitoring and enforcement program of residential and nonresidential landscape irrigation in accordance with the prohibition of residential or non-residential landscape irrigation during period of peak water loss due to evapotranspiration, typically between the hours following 10:00 a.m. until 8:00 p.m.) pursuant to EDWARDS AQUIFER AUTHORITY Rules §715.122. This section applies irrespective of whether a customer is within the city limits of the extraterritorial jurisdiction of a municipal water utility.

2. If you have circled "No" to any of the above, please give a brief explanation as to the reason why.

   _____

   _____

   _____

3. If you have not already done so, please submit a copy of any adopted policy or measure to prohibit wasteful water activities to the Edwards Aquifer Authority.

POU Number: _____

## Ind-3 SUB-METERING

**Optional**

Sub-metering is an effective method of tracking water usage when water is used in multiple and distinctly different processes. Under this BMP, permit holders with more than five connections must perform a feasibility study to determine the benefits of installing sub-meters on facilities or equipment which comprise 20% or more of the permit holder's total water use, and have a distinctly different end-use. The permit holder must also conduct a study to determine the feasibility of installing dedicated landscape sub-meters.

1. Have you conducted a feasibility study to determine the benefits of installing sub-meters on facilities or equipment that comprises at least 20% of the applicant's total water use? If so, please describe the results of your feasibility study below.

_____

_____

_____

2. Have you conducted a feasibility study to determine the benefits of installing dedicated landscape sub-meters? If so, please describe the results of the study below.

_____

_____

_____

3. Please provide a description of your sub-metering program and any sub-meters you have installed on facilities, equipment or irrigation systems used to assist you in accounting for your water use and or water loss.

_____

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_____

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_____

POU Number: _____

## Ind-4 LANDSCAPE CONSERVATION PROGRAMS

**Optional to implement if your well is used for landscape irrigation.**

Landscape conservation programs are an effective method of accounting for and reducing outdoor water usage. This BMP is intended for permit holders who use permitted water to irrigate landscape area or for any outdoor irrigation. Implementation of this BMP involves performing the following practices: ***Landscape Water-Use Survey, ETo Based Irrigation, Irrigation System Maintenance, and Landscape Design.***

1. Have you already conducted a landscape water-use survey? **(Circle One)** ☐ Yes ☐ No

   If yes, please describe the results of your landscaping water-use survey below. Please provide a copy of same.

   _____

   _____

   _____

   **Please complete and return to the EAA the Landscape and Irrigation Water-Use Survey which is attached.**

2. Have you developed reference evapotranspiration (ETo)-based irrigation schedules that are equal to no more than 80% of evapotranspiration? If so, what was your estimated ETo-based irrigation schedule and annual water savings?

   _____

   _____

   _____

3. If your landscape use has exceeded 20% of total use, have you installed a dedicated landscape meter? If so, describe the results obtained in using a dedicated landscape irrigation meter.

   _____

   _____

   _____

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