



Water Conservation Plan Annual Report Wholesale Water Supplier

CONTACT INFORMATION

Name of Utility: SAN JACINTO RA - HIGHLANDS

Public Water Supply Identification Number (PWS ID): TX1013456

Certification of Convenience and Necessity (CCN) Number:

Surface Water Right ID Number: 4279-A, 4964, 5271-C, 5807, 5808, 5809-A

Wastewater ID Number:

Check all that apply:

- Retail Water Supplier
- Wholesale Water Supplier
- Wastewater Treatment Utility

Address: 1577 Dam Site Rd City: Conroe Zip Code: 77304

Email: bgallagher@sjra.net Telephone Number: 9365883111

Regional Water Planning Group: H

Groundwater Conservation District: Lone Star Groundwater Conservation District

Contact: First Name: Briana Last Name: Gallagher

Title:

Is this person the designated Conservation Coordinator? Yes No

Regional Water Planning Group: H

Groundwater Conservation District: Lone Star Groundwater Conservation District

Reporting Period (Calendar year):

Period Begin (mm/yyyy): 01/2023 Period End (mm/yyyy): 12/2023

Check all that apply:

- Received financial assistance of \$500,000 or more from TWDB
- Have a surface water right with TCEQ



SYSTEM DATA

1. For this reporting period, provide the total volume of wholesale water exported (transferred or sold):

29,142,776,341

2. For this reporting period, does your billing/accounting system have the capability to classify customer into the Wholesale Customer Categories?

Yes No

Wholesale Customers Categories*

- Municipal
- Industrial
- Commercial
- Institutional
- Agricultural

**Recommended Customer Categories for classifying customer water use. For definitions, refer to [Guidance and Methodology on Water Conservation and Water Use](#).*

3. For this reporting period, select the category(s) used to calculate wholesale customer water usage:

- Municipal
- Industrial
- Commercial
- Institutional
- Agricultural

4. For this reporting period, enter the gallons of **WHOLESALE water exported** (transferred or sold). Enter zero if a Customer Category does not apply.

| Wholesale Customer Category | Gallons Exported (transferred or sold) | Number of Customers |
|----------------------------------|---|---------------------|
| Municipal | 693,302,296 | 2 |
| Industrial | 28,277,181,825 | 8 |
| Commercial | 0 | 0 |
| Institutional | 0 | 0 |
| Agricultural | 172,292,220 | 3 |
| Total Gallons¹ | 29142776341 | 13 |



¹Municipal + Industrial + Commercial + Institutional + Agricultural = Wholesale Water Exported

Water Use Accounting

| | Total Gallons During the Reporting Period |
|---|---|
| Water Produced: Water from permitted sources such as rivers, lakes, streams, and wells | 29,142,776,341 |
| Wholesale Water Imported: Purchased wholesale water transferred into the system. | 0 |
| System Input: Total water supplied to system and available for use. Produced + Imported = System Input | 29,142,776,341 |
| Wholesale Water Exported: Wholesale water sold or transferred out of the system. | 29,142,776,341 |
| Gallons Per Day: Wholesale Water Exported / 365 = Gallons Per Day | 79,843,223 |
| Population: Estimated total population for municipal customers. | 14,004 |
| Gallons Per Capita Per Day: Wholesale Exported / Population / 365 = Gallons Per Capita Per Day | 5,701 |

Provide the breakdown of Wholesale Water Exported into Raw and Treated water volumes.

| | Gallons |
|---|----------------|
| Raw Wholesale Water Exported | 29,142,776,341 |
| Treated Wholesale Water Exported | |

Provide the specific and quantified five and ten-year targets as listed in your most current Water Conservation Plan.

| | Date to Achieve Target | Specified and Quantified Targets |
|-------------------------|------------------------|----------------------------------|
| Five-year target | 2024 | 2.5% reduction in GPCD |
| Ten-year target | 2029 | 5% reduction in GPCD |



Water Conservation Programs and Activities

1. Water Conservation Plan.

2019

What year did your entity adopt or revise their most recent Water Conservation Plan?

Does The Plan incorporate **Best Management Practices**? Yes No

2. Water Conservation Programs

Has your entity implemented any type of water conservation activity or program?

Yes No

If yes, select the type(s) of Best Management Practices or water conservation strategies implemented during this reporting period. Estimate the gallons saved from wholesale supplier conservation strategies implemented. Do not include volume reused. Please include reuse in 3 below.

| Wholesale Supplier Best Management Practices | |
|---|--|
| Conservation Planning | |
| <input checked="" type="checkbox"/> | Customer Contract Requirements to Develop and Implement Water Conservation and Drought Contingency Plans |
| <input checked="" type="checkbox"/> | Technical Assistance and Outreach |
| Resource Sharing | |
| <input type="checkbox"/> | Cost Share Program |
| <input type="checkbox"/> | Wholesale Supplier Collective Purchase and Direct Distribution of Water Conservation Equipment |

| Wholesale Supplier Activities and Practices | Check if Implemented | Estimated Gallons Saved |
|---|-------------------------------------|-------------------------|
| Agricultural Conservation Programs | <input type="checkbox"/> | |
| Conservation Analysis & Planning | <input type="checkbox"/> | |
| Conservation Rate Structures | <input type="checkbox"/> | |
| Conservation Technology | <input type="checkbox"/> | |
| Education & Public Awareness | <input checked="" type="checkbox"/> | |
| Industrial Conservation Programs | <input type="checkbox"/> | |
| Leak Detection/Water Loss Program | <input type="checkbox"/> | |



| | | |
|--|----------------------|--|
| Rebate, Retrofit, and Incentive Programs | <input type="text"/> | |
| Regulatory & Enforcement | <input type="text"/> | |
| System Operations | <input type="text"/> | |
| Water Efficient Landscape Programs | <input type="text"/> | |
| Water Use Audits | <input type="text"/> | |
| Other | <input type="text"/> | |
| Totals | | |

3. Recycle/Reuse (Water or Wastewater Effluent)

For this reporting period, provide direct and indirect reuse activities.

| Reuse Activity | Estimated Volume (in gallons) |
|--|-------------------------------|
| On-site irrigation | |
| Plant wash down | |
| Chlorination/de-chlorination | |
| Industrial | 732,379,449 |
| Landscape irrigation (parks, golf courses) | 164,895,220 |
| Agricultural | 7,397,000 |
| Other | |
| Estimated Volume of Reuse | 904,671,669 |

4. Water Savings

For this reporting period, estimate the savings that resulted from water conservation activities and programs.

| Estimated Gallons Saved/Conserved | Estimated Gallons Recycled/Reused | Total Volume of Water Saved ¹ | Dollar Value of Water Saved ² |
|-----------------------------------|-----------------------------------|--|--|
| 0 | 904,671,669 | 904,671,669 | |

¹Estimated Gallons Saved + Estimated Gallons Recycled/Reused = Total Volume Saved

²Estimated this value by taking into account water savings, the cost of treatment or purchase of water, and deferred capital cost due to conservation.

5. Program Effectiveness

In your opinion, how would you rank the overall effectiveness of your conservation programs and activities?

| Less Than Effective | Somewhat Effective | Highly Effective | Does Not Apply |
|-----------------------|----------------------------------|-----------------------|-----------------------|
| <input type="radio"/> | <input checked="" type="radio"/> | <input type="radio"/> | <input type="radio"/> |



6. What might your entity do to improve the effectiveness of your water conservation program?

SJRA is currently working to identify and evaluate additional water conservation activities which can be coordinated with our customers.

7. Select the areas for which you would like to receive more technical assistance.

| | Technical Assistance Areas |
|--------------------------|--|
| <input type="checkbox"/> | Agricultural Best Management Practices |
| <input type="checkbox"/> | Wholesale Best Management Practices |
| <input type="checkbox"/> | Industrial Best Management Practices |
| <input type="checkbox"/> | Drought Contingency Plans |
| <input type="checkbox"/> | Landscape Efficient Systems |
| <input type="checkbox"/> | Leak Detection and Equipment |
| <input type="checkbox"/> | Educational Resources |
| <input type="checkbox"/> | Water Conservation Plans |
| <input type="checkbox"/> | Water IQ: Know Your Water |
| <input type="checkbox"/> | Water Loss Audits |
| <input type="checkbox"/> | Rainwater Harvesting |
| <input type="checkbox"/> | Recycling and Reuse |