

## Water Conservation Plan Annual Report Wholesale Water Supplier

### CONTACT INFORMATION

Name of Utility: San Jacinto RA - Woodlands

Public Water Supply Identification Number (PWS ID): TX1700197

Certification of Convenience and Necessity (CCN) Number:

Surface Water Right ID Number:

Wastewater ID Number:

Check all that apply:

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

Address: 2436 Sawdust Road City: The Woodlands Zip Code: 77380

Email: jwilliams@sjra.net Telephone Number: 2813679511

Regional Water Planning Group: H

Groundwater Conservation District:

Contact: First Name: Jason Last Name: Williams

Title: Operations and Maintenance Manager

Is this person the designated Conservation Coordinator?  Yes  No

Regional Water Planning Group: H

Groundwater Conservation District:

Reporting Period (Calendar year):

Period Begin (mm/yyyy): 01/2017 Period End (mm/yyyy): 12/2017

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):

5,459,607,679

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	5,459,607,679	11
Industrial		
Commercial		
Institutional		
Agricultural		
<b>Total Gallons<sup>1</sup></b>	<b>5459607679</b>	<b>11</b>

<sup>1</sup>Municipal + Industrial + Commercial + Institutional + Agricultural = Wholesale Water Exported

## Water Use Accounting

	Total Gallons During the Reporting Period
<b>Water Produced:</b> Water from permitted sources such as rivers, lakes, streams, and wells	2,527,602,000
<b>Wholesale Water Imported:</b> Purchased wholesale water transferred into the system.	3,498,938,000
<b>System Input:</b> Total water supplied to system and available for use. Produced + Imported = System Input	6,026,540,000
<b>Wholesale Water Exported:</b> Wholesale water sold or transferred out of the system.	5,459,607,679
<b>Gallons Per Day:</b> Wholesale Water Exported / 365 = Gallons Per Day	14,957,829
<b>Population:</b> Estimated total population for municipal customers.	103,892
<b>Gallons Per Capita Per Day:</b> Wholesale Exported / Population / 365 = Gallons Per Capita Per Day	144

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

	Gallons
<b>Raw Wholesale Water Exported</b>	
<b>Treated Wholesale Water Exported</b>	5,459,607,677

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
<b>Five-year target</b>	2019	189 gpcd
<b>Ten-year target</b>	2024	180 gpcd

## Water Conservation Programs and Activities

**1. Water Conservation Plan.**

2014

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.

	Wholesale Supplier Activities and Practices
<input type="checkbox"/>	Agricultural Conservation Programs
<input type="checkbox"/>	Conservation Analysis & Planning
<input type="checkbox"/>	Conservation Rate Structures
<input type="checkbox"/>	Conservation Technology
<input checked="" type="checkbox"/>	Education & Public Awareness
<input type="checkbox"/>	Industrial Conservation Programs
<input type="checkbox"/>	Leak Detection/Water Loss Program
<input type="checkbox"/>	Rebate, Retrofit, and Incentive Programs
<input type="checkbox"/>	Regulatory & Enforcement
<input checked="" type="checkbox"/>	System Operations
<input type="checkbox"/>	Water Efficient Landscape Programs
<input checked="" type="checkbox"/>	Water Use Audits
<input type="checkbox"/>	Other

**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	409,968,000
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	17,247,000
Agricultural	
Other	
<b>Estimated Volume of Reuse</b>	<b>427,215,000</b>

**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 <sup>1</sup>	Dollar Value of Water Saved <sup>2</sup>
	427,215,000	427,215,000	897,151

<sup>1</sup>Estimated Gallons Saved + Estimated Gallons Recycled/Reused = Total Volume Saved

<sup>2</sup>Estimated 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 will continue to work with regional planning teams, local utility districts and other water groups to promote water conservation to all of our customers.

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

<b>Technical Assistance Areas</b>	
<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 checked="" 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 checked="" type="checkbox"/>	Rainwater Harvesting
<input type="checkbox"/>	Recycling and Reuse