

Water Conservation Plan Annual Report Wholesale Water Supplier

CONTACT INFORMATION

Name of Utility: SAN JACINTO RA - LAKE CONROE

Public Water Supply Identification Number (PWS ID):

Certification of Convenience and Necessity (CCN) Number:

Surface Water Right ID Number: 4963-A

Wastewater ID Number:

Check all that apply:

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

Address: PO Box 329 City: Conroe Zip Code: 77305

Email: dsidney@sjra.net Telephone Number: 9365887153

Regional Water Planning Group: H

Groundwater Conservation District:

Contact: First Name: David Last Name: Sidney

Title: Lake Conroe Operations

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): 01/2021 Period End (mm/yyyy): 12/2021

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):

6,011,018,412

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	4,500,470,368	1
Industrial	1,276,224,284	1
Commercial	0	0
Institutional	0	0
Agricultural	234,323,760	15
Total Gallons¹	6011018412	17

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	6,011,018,412
Wholesale Water Imported: Purchased wholesale water transferred into the system.	
System Input: Total water supplied to system and available for use. Produced + Imported = System Input	6,011,018,412
Wholesale Water Exported: Wholesale water sold or transferred out of the system.	6,011,018,412
Gallons Per Day: Wholesale Water Exported / 365 = Gallons Per Day	16,468,544
Population: Estimated total population for municipal customers.	316,861
Gallons Per Capita Per Day: Wholesale Exported / Population / 365 = Gallons Per Capita Per Day	52

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

	Gallons
Raw Wholesale Water Exported	6,011,018,412
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 from 3 Year Average (2016-2018)= 70.4 GCPD
Ten-year target	2029	5% Reduction from 3 Year Average (2016-2018) = 68.6 GCPD

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 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="checkbox"/>	

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	
Landscape irrigation (parks, golf courses)	
Agricultural	
Other	
Estimated Volume of Reuse	

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		0	29,754

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?

Public outreach during peak irrigation season.

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