



San Jacinto River Authority Latest News

Lake Conroe Standard Operating Procedures Explained

Gate Operations

The Lake Conroe main spillway structure consists of five radial tainter gates, each 40 feet wide and 30 feet tall — almost as big as a two-story house! When rainfall and runoff cause the lake to rise above 201' msl, the dam's Gate Operations Policy is initiated. Strict adherence to the Policy ensures that the gates are gradually raised so that water is discharged from beneath the gates in a controlled fashion instead of spilling over the top, which can threaten the structure of the dam. The amount of water discharged is measured in cubic feet per second (cfs).



Lake Level

Lake Conroe is considered to be “full” when it reaches a water level of 201 feet above mean sea level (msl). Releases from the main spillway begin after the lake rises above 201' msl.



Seasonal Lake Lowering

Seasonal Lake Lowering of Lake Conroe is a joint reservoir operations strategy with the City of Houston who owns most of the water in Lake Conroe. It was developed to create capacity in the lake to catch rainfall and storm water runoff during a rain event.

Seasonal lowering of Lake Conroe below 201' can only happen when the lake is not in storm operations. In Southeast Texas it can be very difficult to predict the location, duration, and amount of rainfall in a specific area, however any time there is significant rain in the forecast, seasonal lowering does not occur.



SJRA in the Highlands

Located in east Harris County, the San Jacinto River Authority's Highlands Division delivers raw (untreated) water from Lake Houston and the Trinity River through an extensive 27-mile system of canals and a 1,400-acre staging reservoir in order to provide water to customers such as Exxon Mobil, Chevron Phillips Chemical Company, and a number of other industrial, municipal, and agricultural customers. The Highlands Division delivers more water each day than all of SJRA's other operating divisions combined. Most people don't know the Highlands Division has been SJRA's principle enterprise since the 1940s.

The SJRA Highlands Division also works on many local projects to help the flow of water, such as canal clearing and siphon reconstructing. Below are highlights

from some of SJRA's operations in the Highlands.



Highlands Operations & Maintenance Staff had to lower the water levels on the Highlands Canal in preparation for an upcoming project, trapping several large fish. Staff and a few locals in the community worked hard to move the fish, like this 45lb catfish, to a deeper section of the canal.



The SJRA Technical Services Department, in conjunction with the Highlands Operations & Maintenance Staff, Risk Management Department, and SCADA Department, led a Siphon Inspection of Siphon 37 on Baker Road.

Be on the look out for our **SJRA in the Highlands** article in the next installment of [Dock Line Magazine](#).

SJRA Graphics

SJRA has designed graphics to help our followers on social media easily identify notifications regarding certain events, from water line repairs to weather awareness alerts. Please be on the lookout for these graphics when scrolling through social media, and read the post for more detailed information on the particular incident.



Did you know?

SJRA is a Regional Flood Warning System Partner

SJRA is proud to partner with Harris County Flood Control District on the 350+ regional gauge station network throughout the Greater

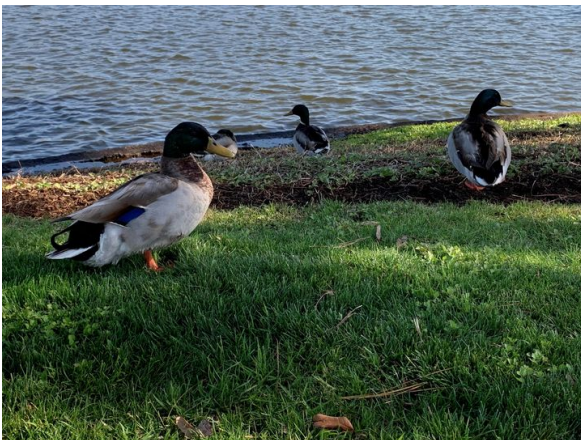


Houston and MoCo area. Learn more about the regional flood warning system network in Community Impact News.

[Harris County Flood Control District installs 23 new gauge stations throughout Greater Houston area](#)

photo courtesy of [Community Impact News](#)

SJRA on Social Media #WildlifeWednesday

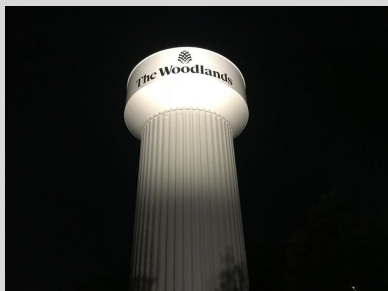


The ducks in The Woodlands are loving the spring weather! SJRA is proud to serve communities in Montgomery County filled with so much wildlife.



SJRA's Highlands Division sees many different types of wildlife, often quite different from what is spotted at the Lake Conroe Division. There are about 20-30 alligators that crawl and swim around the canal system in The Highlands.

TRIVIA THURSDAY



#TriviaThursday

Did you know that SJRA's elevated storage tanks are about 120-150 feet tall? How many elevated storage tanks does SJRA have around The Woodlands?

- A) 3
- B) 6
- C) 10

ANSWER: B) 6

SJRA plans a budget and sets rates every fiscal year (September 1st - August 31st).

We Want to
Hear From You

In preparation for this year's budget process, SJRA is gathering input.

There are several ways to provide comment on the budget process:

1. In-Person during Public Comment Period at a **SJRA Board of Directors meeting**.
2. In-Person during Public Comment Period at a **SJRA Groundwater Reduction Plan (GRP) Review Committee meeting**.
3. Virtually at one of the **Woodlands Water Agency (WWA) Trustee meetings**. WWA Trustee Meetings are held on the second Wednesday of the month [online](#).
4. **Email your comments** to: Budget@sjra.net.

Important Dates

**SJRA Board of
Directors Meeting**
1577 Dam Site Road
Conroe, Texas



June 24, 2021

**SJRA GRP Review
Committee Meeting**
11998 Pine Valley Drive
Conroe, Texas



June 21, 2021

**Woodlands Water
Agency Trustee
Meeting**
[virtual](#)



June 9, 2021

SJRA supports conserving the aquifers and preventing further land subsidence (sinking).

**Groundwater
Management Area 14
Meeting**

**Future water
planning is important
to all of us. It affects
our aquifers, our
reservoirs, and our
monthly
bills. ENGAGE in the
process by logging**

**Lone Star Groundwater
Conservation District
Meeting**
655 Conroe Park North Drive
Conroe, Texas



October 6, 2021

in to a meeting and
listening to the
process.



June 7, 2021

Tell Us How We're Doing!

SJRA values your opinions and thoughts.

We would love to hear from you on how we are doing. Please submit questions, concerns, or other feedback here.

[Contact Us](#)

The San Jacinto River Authority (SJRA) receives no money from the state, nor does it collect any type of taxes.

SJRA's mission is to develop, conserve, and protect the water resources of the San Jacinto River basin. Covering all or part of seven counties, the organization's jurisdiction includes the entire San Jacinto River watershed, excluding Harris County. The SJRA is one of two dozen river authorities in the State of Texas, and like other river authorities, its primary purpose is to implement long-term, regional projects related to water supply and wastewater treatment.

If you would like to know more about SJRA, what we do, and how we work for the community, check out our website www.sjra.net and follow us on social media [@SanJacintoRiverAuthority](#), [@SJRA_1937](#), [@sanjacintoriverauthoritysjra](#), [@San Jacinto River Authority](#).

San Jacinto River Authority | [Website](#)

