



Filing Receipt

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**Brownsville Public Utilities Board (BPUB)
Water and Wastewater System**

BPUB Critical Load Public Safety Designation

Primary Emergency Contact Information
Judy K. Adams Water and Wastewater Area Manager Office phone: 956-983-6688 Cell phone: 956-459-1644 Email address: JAdams@brownsville-pub.com

Alternate Emergency Contact Information
Jose A. Garza Water Treatment Manager Office phone: 956-983-6684 Cell phone: 956-459-9888 Email address: jgarza@brownsville-pub.com

Mailing address: Attn: BPUB Critical Load Brownsville Public Utilities Board P.O. Box 3270 Brownsville, Texas 78523
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Water Treatment Plants	
BPUB Water Plant No. 1	94 West 13 th St. Brownsville, Texas 78521
BPUB Water Plant No. 2	1455 Robinhood Dr. Brownsville, Texas 78521
Southmost Regional Water Authority (SRWA)	1255 North FM 511, Brownsville, Texas 78526

SRWA Brackish Water Wells Field
SRWA Brackish Water Wells Field 11299 FM 1421 Brownsville, Texas 78520

The Water System

The Water System draws raw water from the Rio Grande River and consists of a river rock weir, a river pump station, two reservoirs providing 187 million gallons total capacity, and a raw water transport system. Surface water treatment is achieved by two water treatment plants providing 40 million gallons per day (MGD) of total capacity (20 MGD treatment capacity each). Two clear wells provide 6.84 million gallons storage capacity, and three elevated storage tanks provide 5 million gallons of elevated storage capacity. Water is pumped by three high-service pumping stations into the distribution system which consists of 676 miles of transmission and distribution mains. The BPUB mainly sells to residential and commercial customers, but also sells treated water on a wholesale basis to three other water distribution companies that amount to approximately 8.43% of sales. The BPUB partnered with the SRWA and built a 7.5 million gallon per day reverse osmosis water treatment plant of which the BPUB has 92.91% ownership. The SRWA plant completed an expansion in November 2015 to provide microfiltration pretreatment and a total production capacity up to 10 MGD. The SRWA plant includes a 7.5-million-gallon storage tank. The SRWA Brackish Groundwater Wells Field consists of twenty production wells, approximately 200 to 300 feet below ground level, tap into the Rio Grande Alluvium within the Gulf Coast Aquifer. The groundwater is pumped 7.2 miles to the SRWA Facility.

Wastewater Treatment Plants	
North Wastewater Treatment Plant	3208 Robindale Rd. Brownsville, TX 78521
South Wastewater Treatment Plant	2800 E. University Blvd. Brownsville, TX 78521

The Wastewater System

The Wastewater System, consisting of collection and treatment facilities, includes gravity wastewater collection lines, 178 pumping/lift stations and two treatment plants.

Wastewater is transported by pumping stations and associated force mains to one of two wastewater treatment plants – the North Plant or the South Plant.

The North Plant was designed to treat 5 MGD in 1980 and expanded to a capacity of 10 MGD in 1995. The North Plant renovation and expansion project completed in July 2014 increased the treatment capacity to 14.5 MGD.

The South Plant was originally constructed in 1952, with a trickling filter process and anaerobic digestion plant design with a treatment capacity of 5 MGD. South Plant was modified in 1974 with major modifications in 1978 when it was expanded to a capacity of 7.8 MGD and the treatment process design was changed to a variation of activated sludge identified as complete-mix process and anaerobic digesters were converted to aerobic digesters. In 2000, the plant was expanded to 12.8 MGD. The treatment process was changed to reflect the complete mix activated sludge treatment process we have today.



November 1, 2021

Public Utility Commission of Texas
Central Records
1701 N. Congress, Suite 8-100
Austin, Texas 78701

Re: Texas Senate Bill 3 Filing Requirements – Project 52299 for Affected Utilities
(Brownsville Public Utilities Board)

Dear Public Utility Commission of Texas:

As an “affected utility” providing water and wastewater service of the Public Utilities Board of the City of Brownsville, Texas, which is also known as the Brownsville Public Utilities Board (BPUB), BPUB submits information for filing pursuant to the requirements of Senate Bill 3 of Texas 87th Legislature, Regular Session, and, specifically, Texas Water Code §§ 13.1294 and 13.1396(c). Due on November 1, 2021, this filing is timely submitted.

BPUB’s public water system (PWS) is registered as “Brownsville Public Utility Board” PWS ID No. TX0310001 with the Texas Commission on Environmental Quality (TCEQ) and the wastewater system is also permitted by the TCEQ. This letter includes emergency contact information and the water and wastewater facilities that should qualify for critical load status with our electrical providers.

BPUB’s list of facilities that qualify for critical load status are submitted in the accompanying **confidential** file, including the applicable emergency contact information for each. As an alternate emergency contact for BPUB for any of the facilities identified:

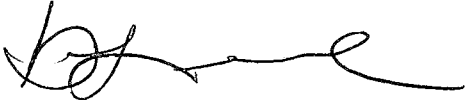
Judy K. Adams, Area
1255 FM 511
Brownsville, TX 78521
Office: 956-983-6688
Cell: 956-459-1644
Email: JAdams@brownsville-pub.com

BPUB will also file information as required with each of our electrical providers (including appropriate areas of BPUB, which also provides retail electric service), the Cameron County

Emergency Management & Fire Marshall Service office, and the Texas Division of Emergency Management.

As indicated in the attachment, it is requested that your agency file the facility critical load status information confidentially due to its sensitive nature. If you have questions on any of this information, please contact Mr. Gustavo Leal at 956-983-6314 or galeal@brownsville-pub.com.

Sincerely,



Confidential Enclosure (as stated)