

## HOLIDAY CLOSURES:

Thanksgiving  
November 26 & 27

Christmas Eve & Christmas Day  
December 24 & 25

Visit [bryantx.gov/coronavirus](http://bryantx.gov/coronavirus)  
for the latest closures and cancellations.

## BILL PAYMENT

Kiosk locations accepting  
credit cards, cash and checks:

**HEB**  
1609 N. Texas Ave.

**HEB**  
725 E. Villa Maria

**BTU Drive-Through**  
205 E. 28th St.  
Open 24 hours

Bring your BTU account number, BTU bill,  
keycard or reminder letter.

Payments can be made 24 hours a day  
via the "e-payment" option by calling  
979.821.5700. Account number and  
credit card required.

## [www.btutilities.com](http://www.btutilities.com)

979.821.5700

**Primary Address:**  
205 E. 28th St.,  
Bryan, TX 77803

**Mailing Address:**  
PO Box 8000, Bryan, TX 77805



## SOCIAL MEDIA

BryanTexasUtilities

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# LED Christmas Lights

Christmas is right around the corner, and many people enjoy putting up festive strings of lights both inside and outside of their homes. While many people still use traditional incandescent lights, there is another Christmas lighting option available: **Light Emitting Diodes (LED)**.

When comparing LED lights to conventional incandescent lights, there are certain benefits to each type. While the technology to manufacture LED lights has made Christmas LED light strings less expensive than in the past, they are still about three to five times more expensive than incandescent light strings. However, LED lights last up to 25 times longer than incandescent lights, they are cool to the touch, making them much easier to work with and less of a fire hazard, they are far less susceptible to breaking (LEDs are plastic, not glass), and if one light should go out, the rest of the string continues working.

When it comes to energy usage, LEDs use far less energy to operate than incandescent lights. For example, a single incandescent C9 Christmas light bulb (the larger bulbs commonly used outside the home) requires 7 watts of electricity, while an equivalent C9 LED bulb uses 0.5 watts. A string of 100 incandescent mini lights (the smaller bulbs usually used to decorate a tree) requires 40 watts, while the same LED string needs only 7 watts. Less energy used means lower energy bills – **see the table below for the savings of a single 100-bulb strand of C9 and mini lights.**

	Watts Per Bulb	Watts Per 100-Bulb String	Watts Used in 8 Hours	Cost Per Day	Cost For 5-Week Season
<b>C9 Incandescent</b>	7	700	5600	\$ 0.56	\$ 19.60
<b>C9 LED</b>	0.5	50	400	\$ 0.04	\$ 1.40
<b>Mini Incandescent</b>	0.4	40	320	\$ 0.03	\$ 1.12
<b>Mini LED</b>	0.07	7	56	\$ 0.01	\$ 0.20

Many of the first generation "white" LED Christmas lights had a more bluish hue rather than the pure white glow of incandescent lights. Today, however, LED lights come in a choice of Warm White for a more natural white glow, and Cool White for a light blue tone. Whether you prefer white or colored lights, it is recommended to purchase the same brand of LED lights in order to ensure your Christmas light strings emit the same hues.



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## *Prevent the clog:* **KEEP YOUR KITCHEN DRAINS CLEAR**

The City of Bryan maintains 377 miles of sewer lines with more than 22,000 connections from residential homes within our sewer system. Wastewater from customers travels through the sanitary sewer system to the wastewater treatment plant where it is processed and returned to the environment. Fats and oils from cooking grease are major sources of stoppages within the sewer system because when poured down the drain, these items coat, congeal, and accumulate onto the sewer pipes – causing reduced flows and promoting backups.

### *Here are a few do's and don'ts:*

#### *Do*

- Put oil and grease in covered collection containers.
- Scrape your food scraps from dishes into your trash cans and garbage bins. Avoid using your garbage disposal, when possible.
- Remove oil and grease from dishes, pans, fryers and griddles. Cool the item first, then wipe off the excess grease.
- Prewash your dishes and pans with cold water before putting them in the dishwasher.
- Cover your kitchen sink with a catch basket, and empty it into the garbage can as needed.

#### *Don't*

- Run water over dishes, pans, fryers and griddles to wash oil and grease down the drain.
- Pour oil and grease down the drain.
- Put food scraps down the drain.

### **By working together to prevent clogging wastewater pipes, residents can benefit from:**

- Reduced plumbing costs associated with clogs and stoppages in sewer lines.
- Reduction of unsightly sanitary sewer overflows attributed to fats, oils, and grease.
- Lower sewer rates by prolonging the life of the sanitary sewer by minimizing the need for pipe replacement and repair.

### **Do-It-Yourself Used Oil Recycling Center**

City of Bryan residents can recycle used cooking grease at the Do-It-Yourself Used Oil Recycling Center, 1111 Waco St., Monday through Friday, 8 a.m. to 5 p.m. and Saturday, 8 a.m. to noon. The center will be closed on Nov. 26 and 27, 2020. We ask that you dispose of no more than 10 gallons of used oil or cooking grease per visit.

And remember, when transporting used oil, please place it in a secure container that may be emptied and reused for future recycling.



## **CONSERVATION TIPS**

### **Energy Conservation Tip:**

Cooking this holiday season? Keep the oven door closed. Every time the oven door is opened, the temperature inside is reduced by as much as 25 degrees, delaying the progress of your dish and, more importantly, costing you more money. Use the light instead!



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### **Water Conservation Tip:**

Hand washing dishes takes more time than using a dishwasher. Let your dishwasher do the work and you'll save almost 10 days a year while saving money and water! If washing dishes by hand, use a basin of soapy water or plug your sink.



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