

Examples of Current Burleson Drainage Problems



Location: Lorna Street near NE Wilshire Boulevard

Issue: Exposed Utility Line & Erosion

Examples of Current Burleson Drainage Problems



Location: Elk Drive - Burleson High School

Issue: Drainage Channel Needs Stabilization

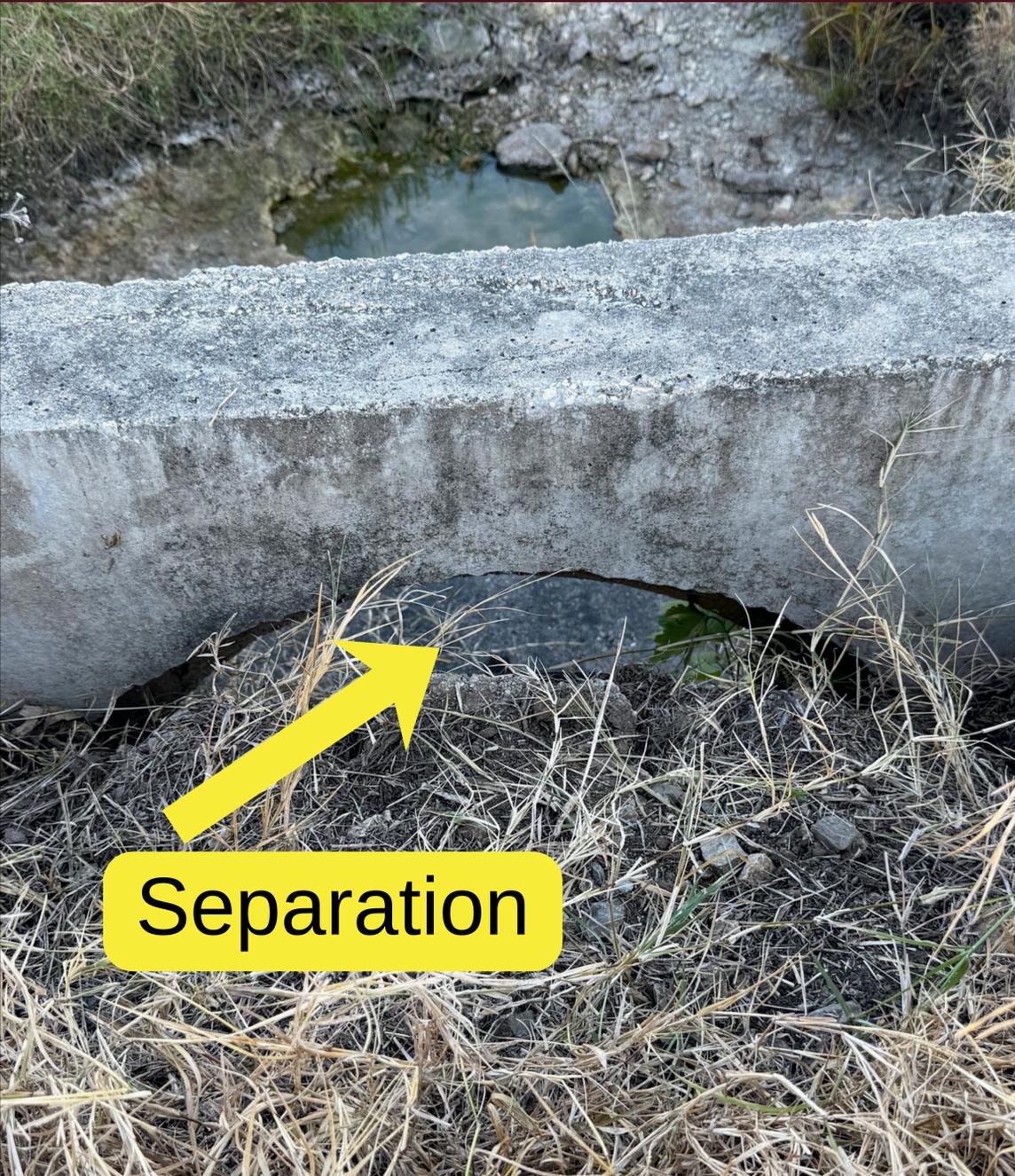
Examples of Current Burleson Drainage Problems



Location: Near Parkridge Blvd in Oak Valley

Issue: Concrete channel lining needs replacement to address erosion and restore flow capacity

Examples of Current Burleson Drainage Problems



Location: Near Burleson Recreation Center

Issue: Separation

Integrity of the head wall is compromised at the outfall pipe, creating erosion and prohibiting water from flowing as designed

Examples of Burleson Drainage Maintenance Needs



Location: Ranchway Drive

Issue: Drainage area fills with sediment and dirt from nearby dirt road, requiring routine cleaning to restore flow and prevent flooding

Burleson Drainage Maintenance



Location: Drainage Channel
Shady Oaks Drive

Burleson Drainage Maintenance



Location: Drainage crossing at
Johnson Avenue near Warren Park

Burleson Drainage Maintenance



Location: Drainage area at
Booger Creek west of Johnson Avenue

Residential Properties

The average residential property in Burleson has 3,500 square feet of impervious area

Residential properties with impervious area less than 2,400 sq. ft.



Stormwater Fee = approx. \$5.04 a month

Approximately 10% of Burleson homes fall into this category

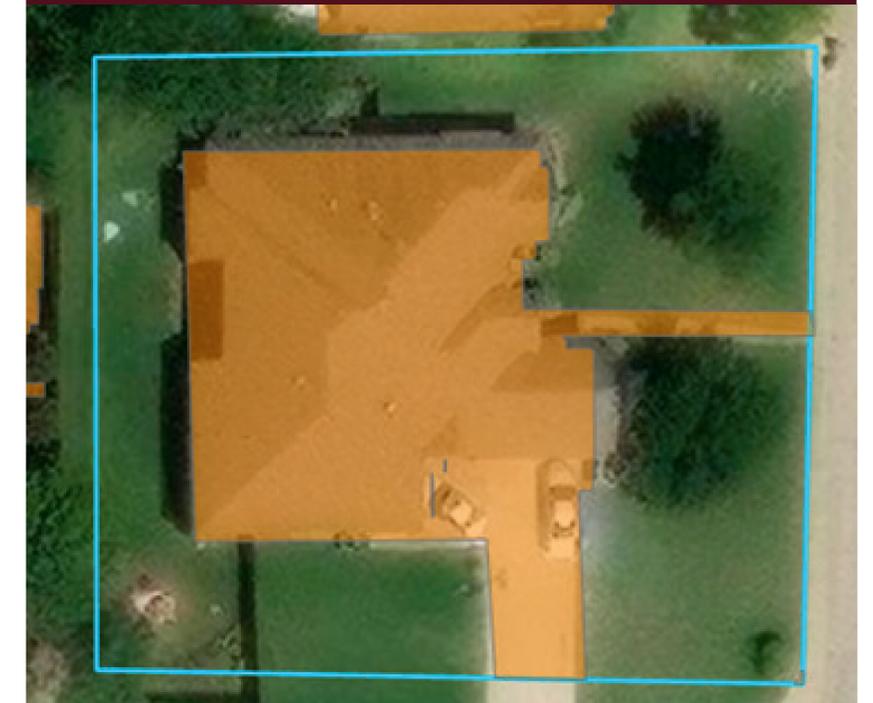
Residential properties with impervious area between 2,400 - 5,300 sq. ft.



Stormwater Fee = approx. \$8 a month

Approximately 80% of Burleson homes fall into this category

Residential properties with impervious area greater than 5,300 sq. ft.



Stormwater Fee = approx. \$15.36 a month

Approximately 10% of Burleson homes fall into this category

90% of residential properties would pay \$8 per month or less

How is the fee determined?

The fee for each property is based on that property's impervious area which is the total area covered by materials such as asphalt, concrete, brick, stone and compacted surfaces which reduce infiltration of rainfall. Impervious area on a property directly relates to how much stormwater runoff leaves the property and enters the storm drainage system that the city maintains.

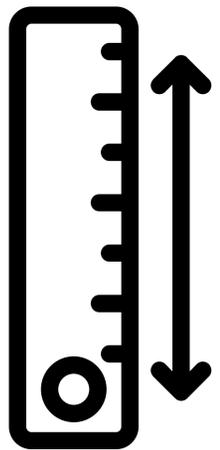


IMPERVIOUS SURFACE	AREA (SF)	
Living Area	1,990	Structures
Attached Garage	450	
Covered Patio	310	
Detached Shed	250	
Walkway	80	Pavement
Driveway	360	
Patio	160	
Total	3,600	

What is impervious area?

Surfaces that do not allow rainfall to soak into the ground such as rooftops, brick pavers and driveways

What is an ERU? (Equivalent Residential Unit)



An ERU is a unit of measure that allows comparison of various property types (residential, apartment buildings, restaurants, warehouses, other business, etc.)



For stormwater runoff purposes, one ERU represents the average impervious area of one single-family house (rooftops, driveways, walkways, etc.)

In Burleson,

1 ERU = 3,500 sq. ft. of impervious area

Anticipated Monthly Fees

Residential Properties

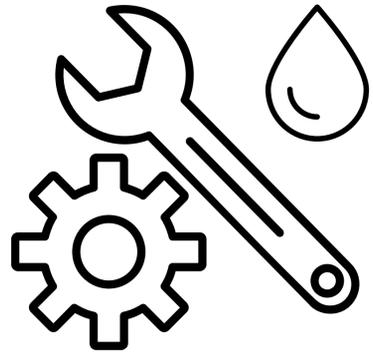
Tier 1 (10% of single-family properties)	Less than 2,400 square feet of impervious area	\$5.04 per month (0.63 ERU)
Tier 2 (80% of single-family properties)	Between 2,401 - 5,300 square feet of impervious area	\$8 per month (1 ERU)
Tier 3 (10% of single-family properties)	Greater than 5,301 square feet of impervious area	\$15.36 per month (1.92 ERU)

Non-residential Properties

\$8 per month per 3,500 square feet of impervious area (or \$8 per ERU per month)

How would the fee help drainage in Burleson?

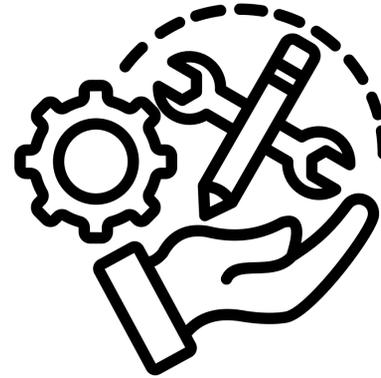
The revenue generated by the proposed fee will help the city by providing a dedicated funding source for eligible existing and enhanced services such as:



Drainage maintenance activities

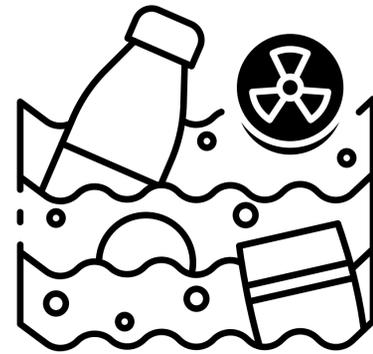


Inspections



Training

Construction erosion & sediment control plan review



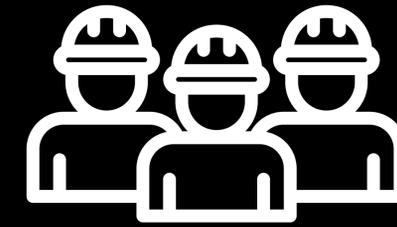
Clean-up activities/litter



Legal/compliance with state requirements



Community outreach/education

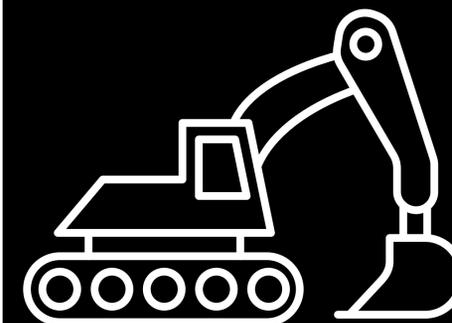


Add a drainage crew to:



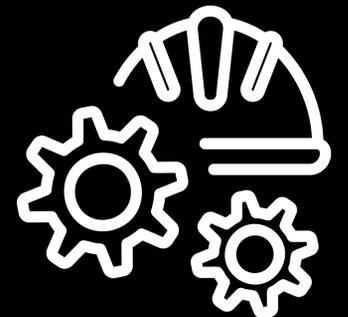
Mow **11 miles** of storm channels to allow water to flow properly and to improve appearance

Apply herbicide to control weeds that can attract rodents

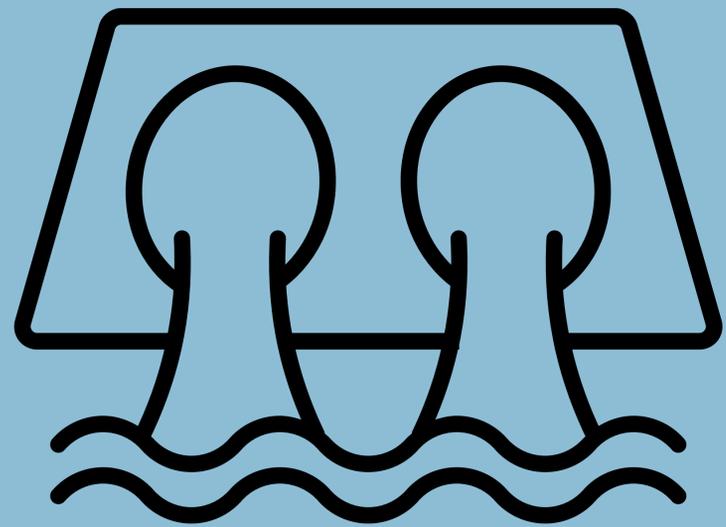


Grade areas to prevent standing water and decrease mosquitoes

Implement larger drainage improvement projects



Burleson Drainage Facts



281
culverts

11 miles
of storm
channels

13%

of square miles
in the city
are in

Floodplain

OVER
\$146 M

currently identified in
drainage maintenance
projects in Burleson

*The current budget provides
\$550,000 dedicated to drainage
maintenance yearly*

When it rains, water
flows off roofs,
driveways, and
streets into storm
drains and then into
local creeks and rivers.

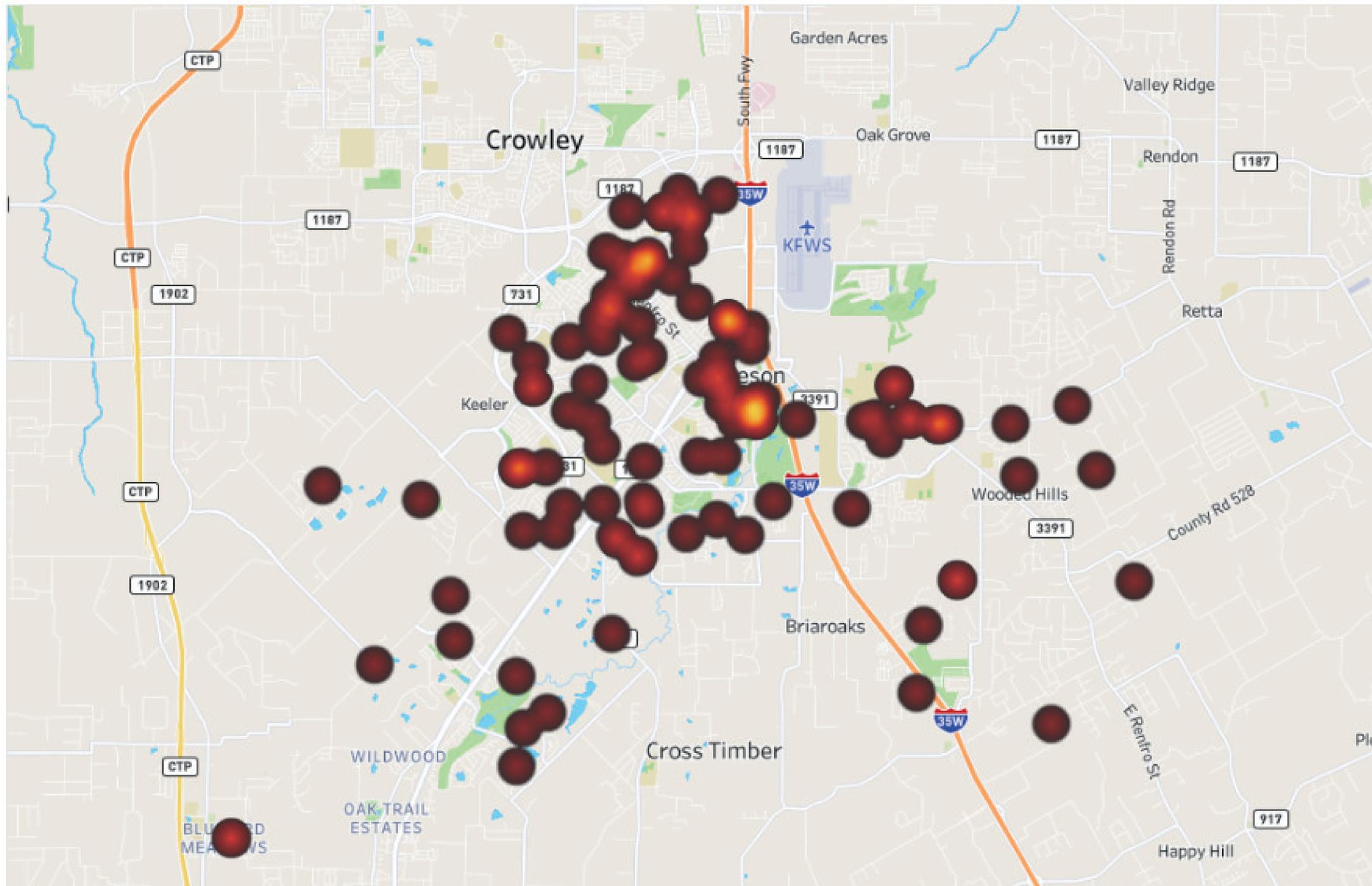
**Why
This
Matters**

Rainwater can carry
trash, oil, and other
pollution into our creeks
and rivers if it's not
managed properly.

Drainage issues and concerns affect all areas of Burleson



BTX 311 Drainage Requests



**112 Drainage Requests submitted to BTX 311
from April 1, 2024 - October 24, 2025**

Stay Informed

Scan the QR for drainage-related information



www.burlesontx.com/drainage