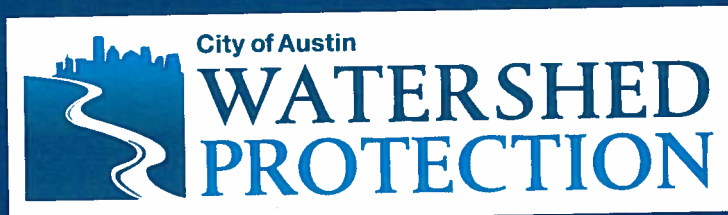


**Charlotte Cranberg  
Wastewater  
Service Extension Request  
#3077**

**Briefing to the Environmental Board  
February 15, 2012**

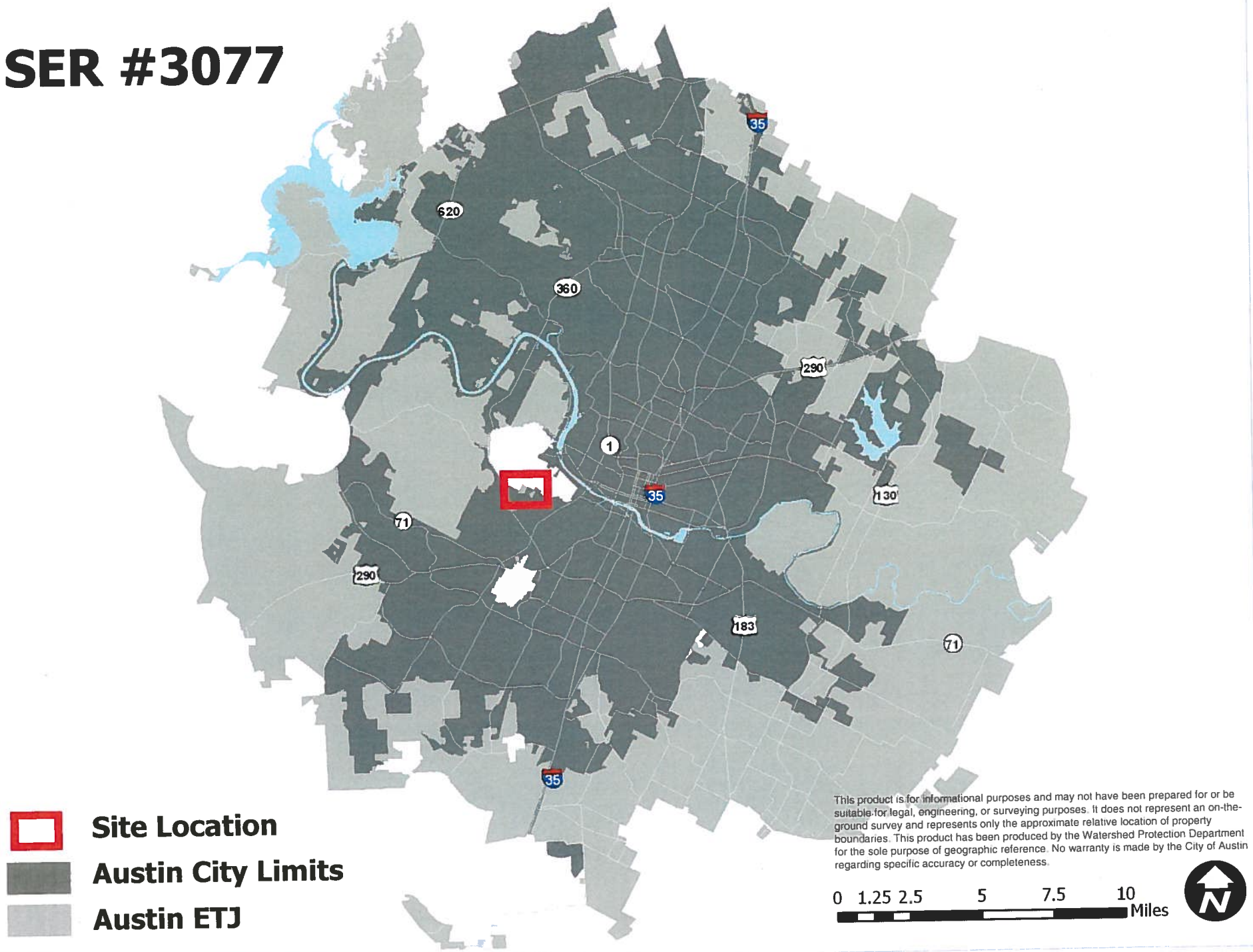


**Kelly Gagnon  
Watershed Policy & Planning**

# Request Summary

- **Request for wastewater service by the Austin Water Utility**
- **Existing Single-Family residence (0.4 acre tract)**
- **Located in Austin's 2-Mile ETJ**
- **Drinking Water Protection Zone**
- **Eanes Creek Watershed, Water Supply Suburban**
- **South Edwards Recharge Zone**

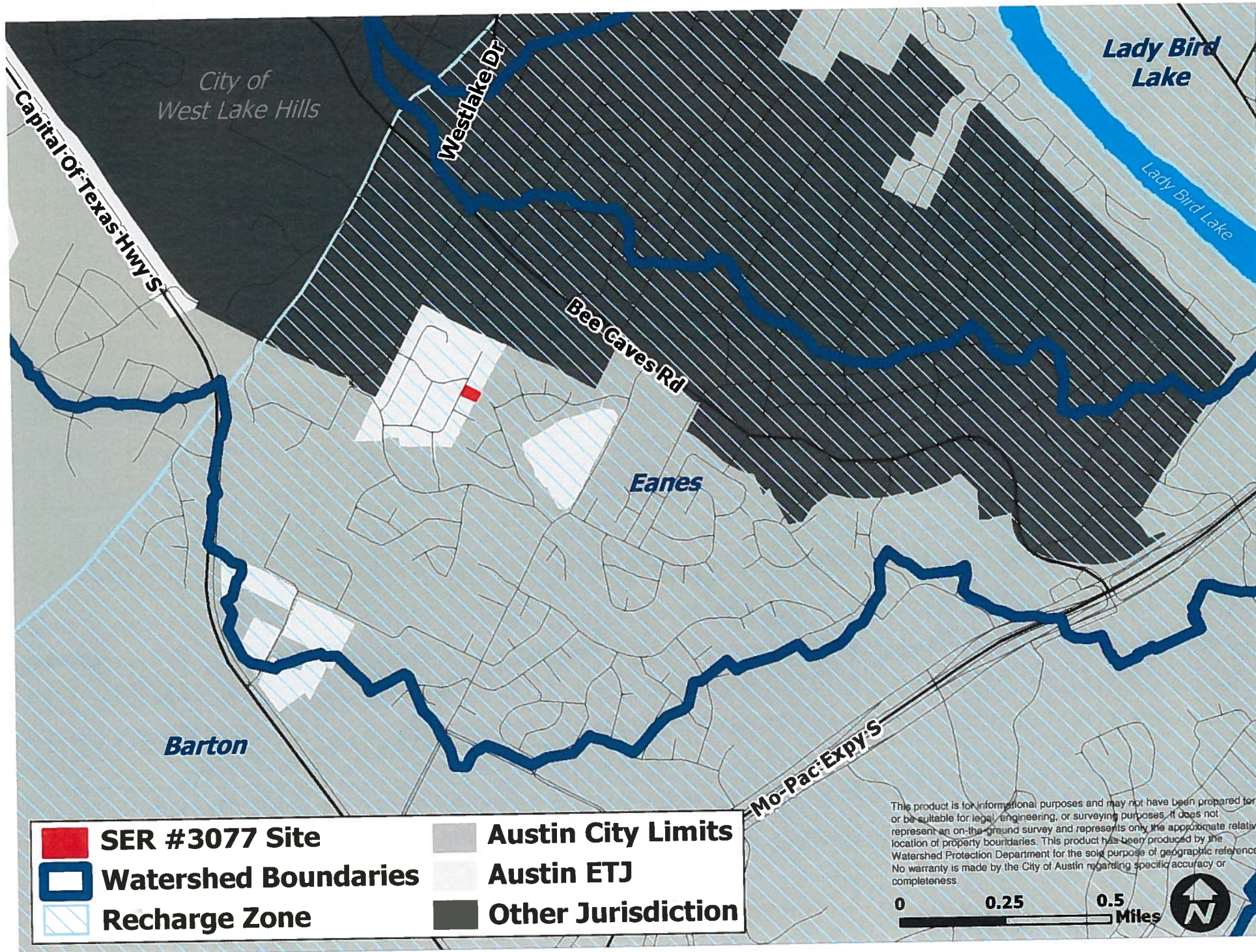
# SER #3077



This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. This product has been produced by the Watershed Protection Department for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.

0 1.25 2.5 5 7.5 10 Miles





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Moon River Rd

Eanes Creek

Constant Springs Dr

Sanderling Trl

Dusky Thrush Trl

- SER #3077 Site
- Lot Lines
- Creek Centerline
- Critical Water Quality Zone
- Water Quality Transition Zone

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## **SER #3077 Summary**

- **Description of Proposed Extension:**
  - **130 feet of 8" gravity wastewater line extending from existing 8" gravity wastewater line in Dusky Thrush Trail**

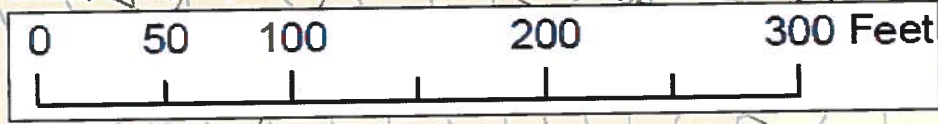
# STAFF PROPOSED APPROPRIATELY SIZED WASTEWATER LINE EASEMENT





# STAFF PROPOSED APPROXIMATELY 130 FEET OF 8-INCH GRAVITY WASTEWATER LINE

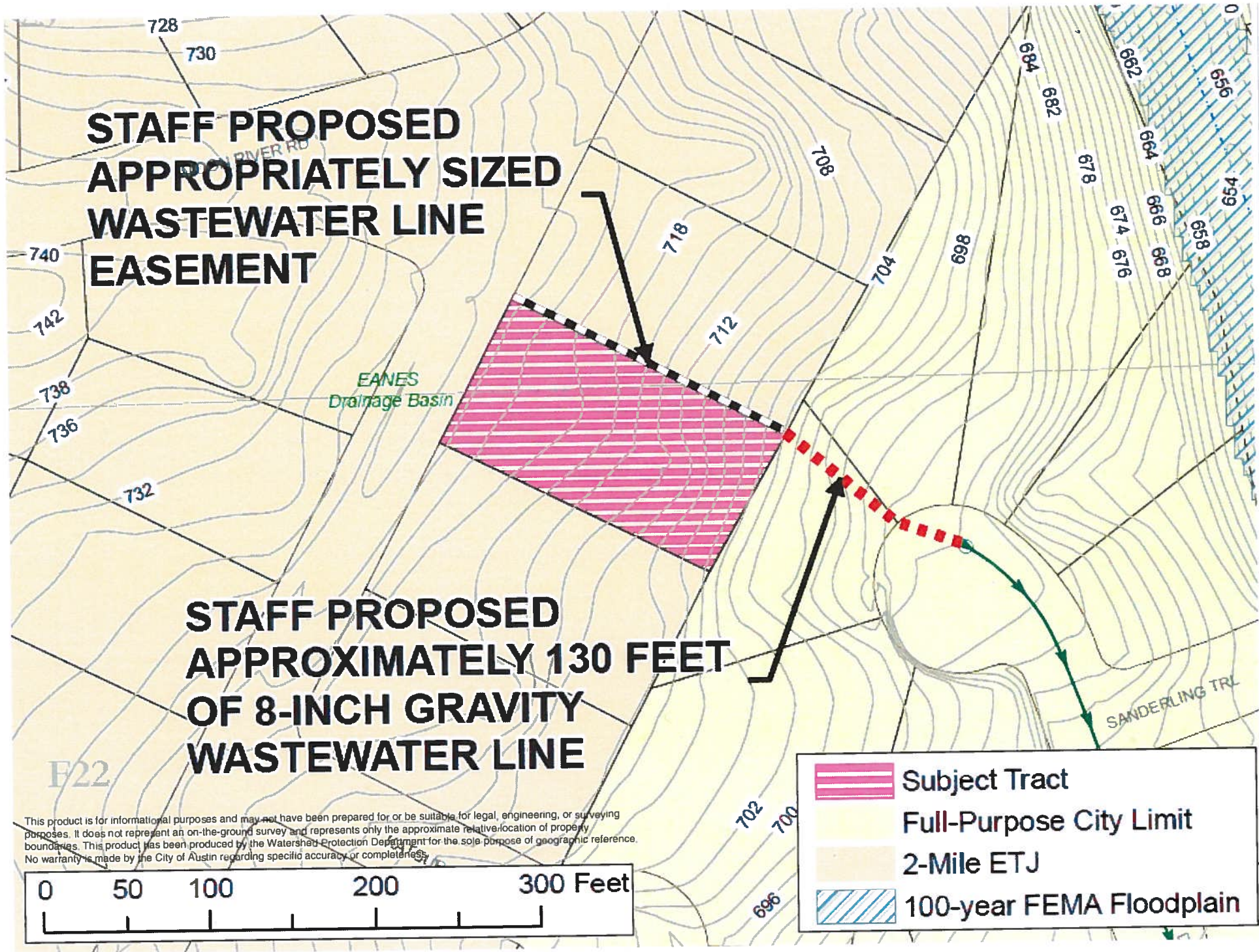
EANES  
Drainage Basin

SANDERLING TRL

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	Subject Tract
	Full-Purpose City Limit
	2-Mile ETJ
	100-year FEMA Floodplain



**1) Will future development be required to comply with current code?**

**N/A** The proposed wastewater improvements would serve an existing single-family home with an on-site wastewater system.

**2) Does the requested service result in more intense development than would be possible absent service?**

**No.** The proposed service would serve an existing single-family residence.



### **3) Is the site located in an area where the City of Austin is encouraging development?**

**No. The site is located in the Drinking Water Protection Zone.**

**However, the area is already fully developed with single-family residences. No additional density is anticipated as a result of this service extension.**

#### **4) Would centralized service solve known or potential environmental problems?**

**Yes.** The site is located in the Water Quality Transition Zone and South Edwards Aquifer Recharge Zone, so replacing septic with centralized service may reduce potential wastewater impacts to surface water and groundwater.

#### **5) Is serving the area consistent with long-term service area or annexation goals?**

**No.** The area is not scheduled for annexation.

# Contact Information

**Kelly Gagnon**

**Watershed Protection Department**

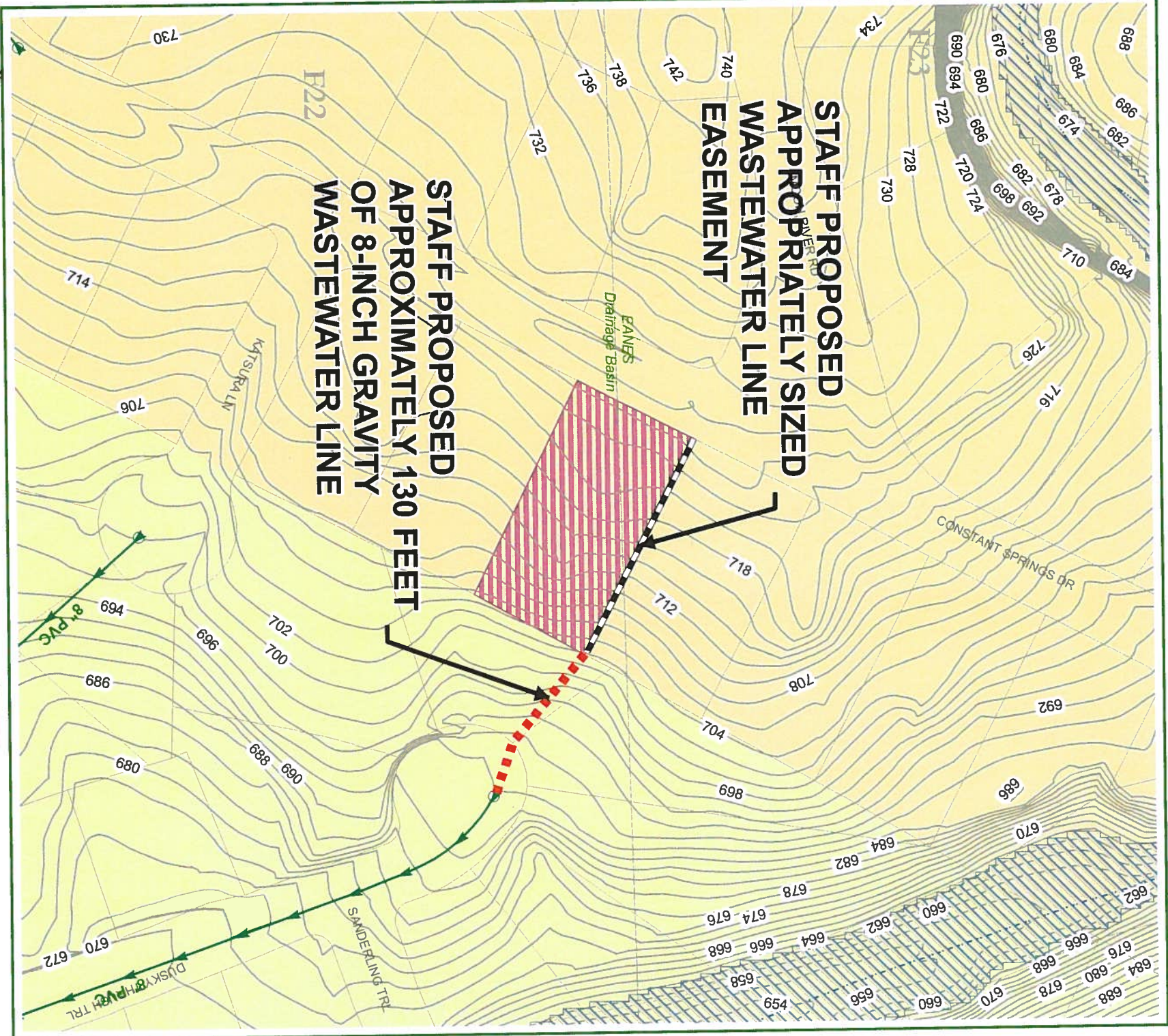
**City of Austin**

**(512) 974-9368**

**[kelly.gagnon@austintexas.gov](mailto:kelly.gagnon@austintexas.gov)**

## **Water & Wastewater Service Extension Requests Description of Process**





- A service extension request (SER) is an application for city water or wastewater service from a property owner or developer.
- Service may involve construction of a new line or an associated facility.
- SERs require Council approval for property located:
  - In the Drinking Water Protection Zone (DWPZ),  
and
  - Outside Austin’s Full Purpose Jurisdiction
- The Water and Wastewater (W&WW) Commission makes recommendations to Council for SERs requiring their approval.
- Staff reviews SERs requiring Council approval and briefs the Environmental Board (EB) about:
  - Proposed or existing development, and
  - How service might affect that development and water quality.
- W&WW Commission takes our review and your motion into consideration when developing their recommendation.



**STAFF PROPOSED  
APPROPRIATELY SIZED  
WASTEWATER LINE  
EASEMENT**

**STAFF PROPOSED  
APPROXIMATELY 130 FEET  
OF 8-INCH GRAVITY  
WASTEWATER LINE**



-  Subject Tract
-  Full-Purpose City Limit
-  2-Mile ETJ
-  100-year FEMA Floodplain

**W.W. S.E.R. Name: Charlotte Cranberg**  
**W.W. S.E.R. Number: 3077**

**Gagnon, Kelly**

**From:** Kirk, Colleen [Colleen.Kirk@austintexas.gov]  
**Sent:** Tuesday, December 20, 2011 9:42 AM  
**To:** Lawson, Lee  
**Cc:** Botto, Robbie; Grabbs, James; Huggins, Cole; Jaeger, Phillip; Miri, Seyed  
**Subject:** Charlotte Cranberg WW SER-3077 WPD Review  
**Attachments:** ser3077DRAFT2011-12-19.pdf

Lee,

I have been instructed to send this Wastewater Service Extension Request (SER) Project over to you for review.

**Charlotte Cranberg Wastewater SER-3077 (1205 CONSTANT SPRINGS DR):**

This project is in the City of Austin's 2-mile ETJ and in the DWPZ. This SER is for an existing single family home, currently with an OSSF and proposing to cut over to the City of Austin wastewater system. The DRAFT SER and associated map have been included. Please review this project and provide us a response within the specified timeframe.

Calculations for estimated utility requirements:

SER Name:	Charlotte Cranberg	Water SER#	N/A
Acre:	0.4	Fire Flow (gpm):	N/A
		Wastewater SER#	3077
		LUE TOTAL:	1.0
Water Flow: (Estimated Peak Hour Flow, Gallons per Minute)			2.2
Water Flow: (Estimated Peak Day Flow, Gallons per Minute)			1.3
Water Flow: (Estimated Avg Day Flow, Gallons per Minute)			0.5
Average Wastewater Flow (gallons/day)			245
Wastewater Flow: (Estimated Peak Wet Weather Flow, Gallons per Minute)			0.9

**THIS DRAFT SERVICE EXTENSION PROPOSAL IS PRELIMINARY AND SUBJECT TO CHANGE AT ANY TIME PRIOR TO FINAL APPROVAL. Creation of Utility Plans or any other Documentation based on this DRAFT SER is NOT ADVISED.**

**WATER AND WASTEWATER SERVICE  
EXTENSION REQUEST FOR  
CONSIDERATION**

Name: Charlotte Cranberg	Service Requested: Wastewater
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SER-3077	Hansen Service Request Number 442533	Date Received: 10/31/2011
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Location: 1205 CONSTANT SPRINGS DR AUSTIN TX 78746-CHARLOTTE CRANBERG
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Acres: 0.4	Land Use: SINGLE FAMILY
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Alt. Utility Service or S.E.R. Number: Site is within Travis County
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WCID #10 Water Service Area

Quad(s): F22

DDZ: NO

Drainage Basin: EANES

Pressure Zone: N/A

DW/PZ: YES

Flow: (Estimated Peak Wet Weather Flow, Gallons per Minute) 1 GPM

% Within City Limits: 0

Cost Participation: \$0.00

% Within Limited Purpose: 0

**Description of improvements:**

Applicant shall construct approximately 130 feet of 8-inch gravity wastewater line from the existing 8-inch gravity wastewater line in Dusky Thrush Trail northwest within an appropriately sized wastewater easement to the southeast property corner of the subject tract. Applicant shall also dedicate an appropriately sized wastewater easement along the eastern property line.

NOTE: For wastewater billing purposes, Travis County WCID #10 must agree to provide winter months (November through February) water readings to the City of Austin within 5 business days of the City's request.

**Approval of this Service Extension Request is subject to completion and acceptance of the improvements described above and the conditions set forth below:**

- 1) Construction of all Service Extensions are subject to all environmental and planning ordinances.
- 2) Service Extensions are subject to the guidelines established in the Land Development Code, Section 25-9, Water and Wastewater Utility Service.
- 3) The level of service approved by this document does not imply commitment for land use.
- 4) Public utility lines must meet City of Austin Design and Construction Criteria and must be approved by Austin Water Utility Engineering Review.
- 5) All onsite wastewater collection system components will be owned, operated, and maintained by the property owner.
- 6) The procedures under City of Austin Code and Texas Commission on Environmental Quality Code for the abandoning of septic tanks must be followed.
- 7) Proposed public wastewater improvements will be dedicated to the City of Austin for ownership, operation, and maintenance.
- 8) Proposed public wastewater improvements must be placed in the public right-of-way or approved utility easements. Utility easements must be approved by Austin Water Utility Engineering Review and must be in place prior to construction plan approval.
- 9) The approved Service Extension will automatically expire 120 days after date of approval unless a development application has been accepted by the Planning and Development Review Department. The Service Extension expires on the date the development expires, or if approved, on the date the development application approval expires.
- 10) Approval by the City Council will be required based on Austin City Code § 25-9-35.

Thank you,

**Colleen Kirk, P.E.**  
 Utility Development Services Division  
 Austin Water Utility Department  
 625 E. 10th St., Suite 715, Austin, TX, 78701  
 Phone (512) 972-0266, Fax (512) 972-0251

\*\*\*NOTE NEW EMAIL ADDRESS: [colleen.kirk@austintexas.gov](mailto:colleen.kirk@austintexas.gov) \*\*\*