



**Recommendation for  
Water & Wastewater Commission**

<b>Commission Meeting Date:</b>	August 10, 2016
<b>Council Meeting Date:</b>	August 18, 2016
<b>Department:</b>	Austin Water
<b>SUBJECT</b>	
Approve Service Extension Request No. 3823 for wastewater service to a 0.45 acre tract located at 8003 Texas Plume Rd within the Drinking Water Protection Zone, the City's Limited Purpose jurisdiction and Austin Water's service area. (District 10)	
<b>AMOUNT AND SOURCE OF FUNDING</b>	
There is no anticipated fiscal impact.	
<b>Purchasing Language:</b>	N/A
<b>Prior Council Action:</b>	N/A
<b>For More Information:</b>	Phillip Jaeger, 512-972-0232; Denise Avery, 512-972-0104
<b>Boards and Commission Action:</b>	August 10, 2016- To be reviewed by the Water and Wastewater Commission.
<b>MBE/WBE:</b>	N/A

The "Texas Plume" project consists of approximately 0.45 acres of land located at 8003 Texas Plume (the "Property"). The Property is located entirely within the City of Austin's (the "City") Limited Purpose Jurisdiction, Impact Fee Boundary, Austin Water's service area for wastewater, the Drinking Water Protection Zone, and the Bull Watershed. A map of the Property's location is attached.

Rebecca Katzke (the "Owner") has a single-family home being served by an on-site sewage facility (OSSF) and receiving City of Austin retail water service. The Owner is requesting to abandon her OSSF and has requested that the City provide wastewater utility service to the Property as proposed in Service Extension Request (SER) No. 3823.

City Code § 25-9-35 requires City Council approval for this SER because the Property is located within the Drinking Water Protection Zone and outside the City's full-purpose corporate limits. The City will not cost participate on this project.

To serve the Property, the Owner will be required to construct approximately 150 feet of appropriately sized force main from the Property to the existing 8-inch gravity wastewater main located in Texas Plume Rd at D.K. Ranch Rd. The proposed utility improvements are shown in the attached SER map.

The proposed wastewater improvements are sized to serve the needs of the Property and will conform to all City Code requirements. These improvements will be designed in accordance with City's Environmental Criteria Manual and Utilities Criteria Manual, and will be inspected by the City's Development Services Department. The Owner will construct all required improvements at their cost and dedicate the facilities to the City for ownership, operation and maintenance. All City fees are applicable to the provision of wastewater service including capital recovery fees.

Austin Water has evaluated the Owner's request for City wastewater service and can provide centralized wastewater service as proposed in SER-3823. Attached is a report provided by the Watershed Protection Department that finds no significant environmental concerns with providing centralized wastewater service as proposed in SER-3823.

Contingent upon approval of SER-3823 for wastewater service to the Property, approval of any development applications for the Property is subject to current City Code.

The propose project is located in zip code 78759 and in City Council District 10.



## MEMORANDUM

**TO:** Colleen Kirk, Austin Water Utility

**FROM:** Chuck Lesniak, Environmental Officer  
Watershed Protection Department

**DATE:** July 18, 2016

**SUBJECT:** Texas Plume Wastewater SER #3823

As you know, Service Extension Requests (SERs) located in the Drinking Water Protection Zone (DWPZ) and outside of the City of Austin's Full Purpose Jurisdiction require Council approval and in most cases, recommendation by the Environmental Commission. Recommendation by the Environmental Commission is not required under the following conditions, as per an interdepartmental agreement between Watershed Protection Department (WPD) and Austin Water Utility (AW) established in 2012:

“All SERs in the Drinking Water Protection Zone and outside the City's full purpose jurisdiction that involve a cutover from an existing on-site sewage facility (septic tank) to the City's centralized wastewater system or an SER for a one lot single-family tract comprising of an acre or less will not be sent to the Environmental Board for its review unless the Austin Water Utility is also requesting, as part of the SER, an increase in the wastewater capacity of the infrastructure.”

The Texas Plume wastewater SER #3823 is for a single-family residence on a .45 acre site requesting to cutover from an existing on-site sewage facility (OSSF) without proposed increases in wastewater capacity, and therefore does not require Environmental Commission recommendation.

Watershed Protection Department (WPD) staff has completed the review for the Texas Plume wastewater SER #3823 and recommends approval of the item.

### **Site Overview**

The site consists of an existing single-family residence on a .45 acre lot, located in the City of Austin's Limited Purpose Jurisdiction in the Bull Creek watershed. The site is located in the DWPZ and Edwards Aquifer Recharge Zone (EARZ), in the Water Supply Suburban watershed regulation area. The existing residence was constructed in 1973 and uses a privately-maintained OSSF.

### **Development Impacts**

The extension would serve an existing single-family residence in an area that is fully-developed with single-family residences. WPD does not anticipate increased development intensity as a result of this SER.

### **Environmental Impacts**

The site is located in an environmentally-sensitive area where the City does not encourage increased development intensity. The entire site is located within the DWPZ and EARZ and drains to sensitive environmental features, including seeps, springs, headwaters creeks, and Jollyville Plateau Salamander (JPS) habitat. Providing centralized wastewater service to the site may avoid potential negative water quality impacts associated with on-site septic treatment to these nearby surface water and groundwater resources.

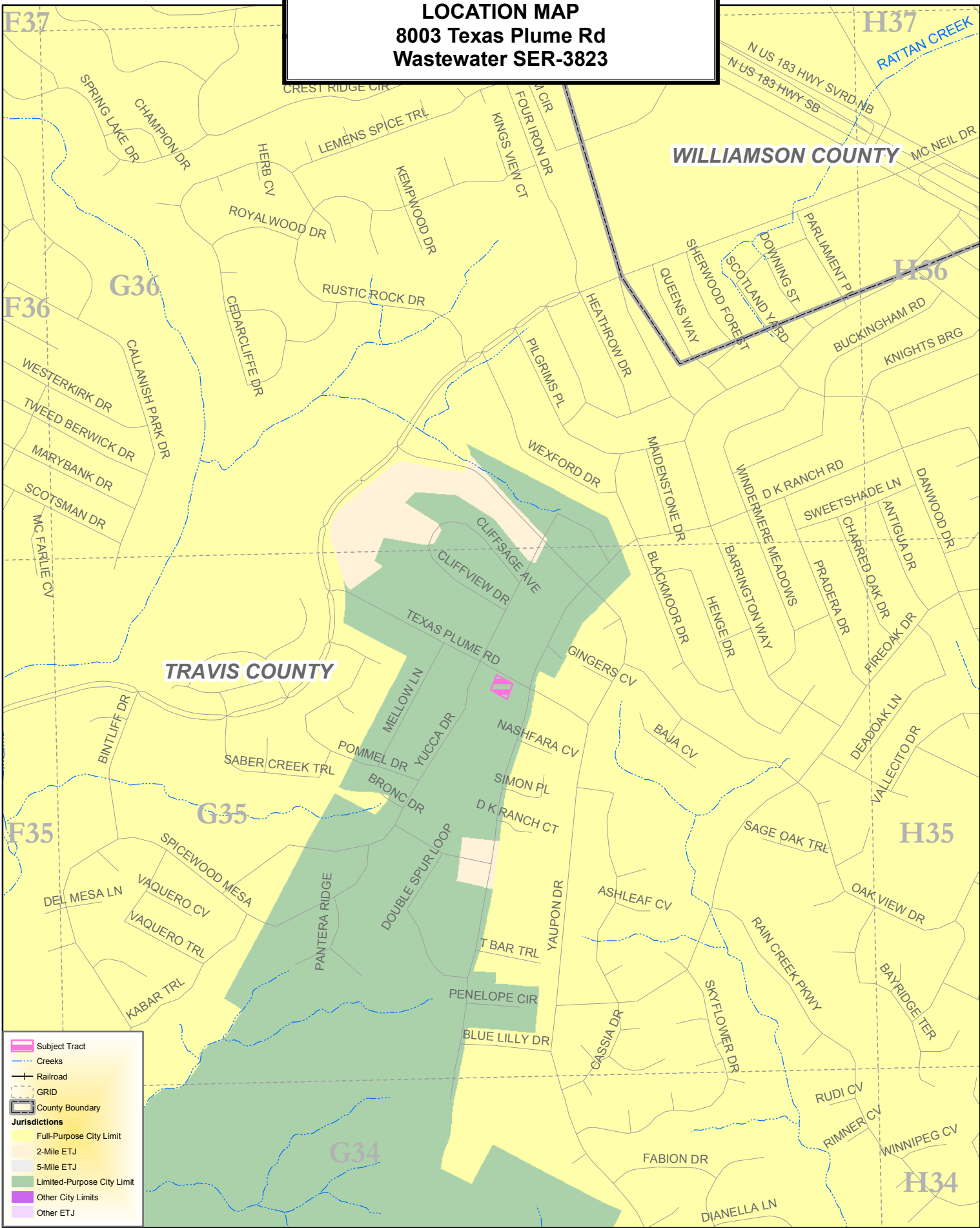
### **Recommendation**

WPD staff concludes that providing centralized service could solve known potential environmental problems associated with the existing OSSF and would not facilitate increased development intensity in the area. We recommend approval for Service Extension Request #3823.

Please feel free to contact me at 974-2699 or Kelly Gagnon at 974-9368 with your questions or comments.

cc: Phillip Jaeger, Austin Water Utility  
Kelly Gagnon, Watershed Protection Department

**LOCATION MAP**  
**8003 Texas Plume Rd**  
**Wastewater SER-3823**



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 City of Austin for the sole purpose of geographic reference. No warranty is made by the City of Austin regarding specific accuracy or completeness.  
 06/27/2016