



MEMORANDUM

TO: City of Austin Environmental Board Members

FROM: Robert B. Botto
Environmental Planner
Watershed Protection Department

DATE: January 27, 2011

SUBJECT: Robinson (#2959) and Willis (#2972) Residences Wastewater Service Extension Requests

WPD staff review service extension requests (SER) for water and wastewater service outside the City of Austin in the Drinking Water Protection Zone. Austin's Water and Wastewater Commission uses our review and your recommendation – should you choose to make one, to help decide whether to recommend the SER to Austin's City Council for final approval.

Enclosed you will find brief discussions of the Robinson and Willis Residences wastewater SERs, and location maps for each residence and their proposed wastewater line alignment. I will brief you next Wednesday at the regularly scheduled Environmental Board meeting. In the meantime, please do not hesitate to call me at 974-2187 with your questions or comments.

Sincerely,

A handwritten signature in blue ink that reads 'Robert B. Botto'.

Robert B. Botto

RB:rb

**Robinson Residence
Wastewater Service Extension Request #2959**

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

Yes, future development will be required to comply with the requirements for development in the Barton Springs Zone and the SOS Ordinance.

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

No, the requested service does not result in a more intense development than would be possible absent the service. An onsite septic system can meet the proposed single-family development's wastewater needs.

3) Is the site in an area in which we are encouraging development?

The site is an undeveloped lot in a platted subdivision with existing single-family homes.

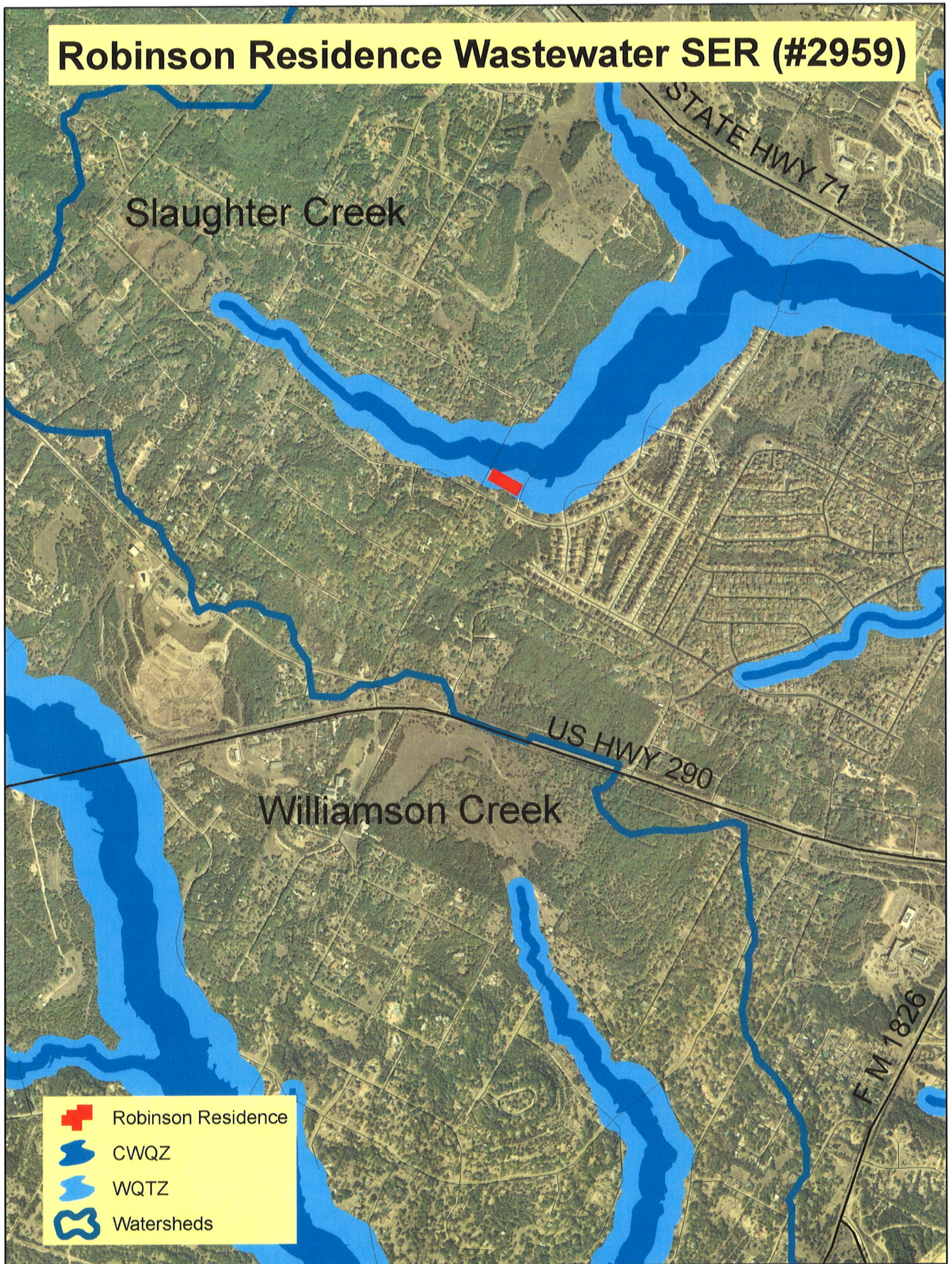
4) Would centralized service solve known or potential environmental problems?

No, centralized wastewater service would not solve any known or potential environmental problems; however, centralized service can limit surface or subsurface water contamination from poorly designed, located or maintained onsite systems.

5) Is serving the area consistent with long-term service area and annexation goals?

The lot is in the City of Austin's ETJ just outside the city's wastewater service area. The city does not have near term plans to annex the area.

Robinson Residence Wastewater SER (#2959)



Botto, Robbie

From: Grabbs, James [James.Grabbs@ci.austin.tx.us]
Sent: Monday, November 22, 2010 11:51 AM
To: Botto, Robbie; Murphy, Pat
Cc: Huggins, Cole; Kirk, Colleen; Miri, Seyed; Jaeger, Phillip; Ellison, Tom F.
Subject: Robinson Residence SER-2959 for Wastewater Watershed Protection Review
Follow Up Flag: Follow up
Due By: Tuesday, December 07, 2010 8:00 AM
Flag Status: Red
Attachments: ser2959DRAFT2010-10-19.pdf

Calculations for estimated utility requirements:

Project Name: Robinson Residence			Water SER#	
Acres:	1.37		Wastewater SER#	2959
Fire Flow (gpm):	NA	<input checked="" type="checkbox"/> Sprinkled	LUE TOTAL:	2.0
Water Flow (Estimated Peak Hour Flow, Gallons per Minute):				4.4
Water Flow (Estimated Peak Day Flow, Gallons per Minute):				2.6
Water Flow (Estimated Peak Day Flow, Gallons per Minute) + Fire Flow (gpm):				NA
Average Water Flow (gallons/day):				1.400
Average Wastewater Flow (gallons/day):				4.900
Wastewater Flow (Estimated Peak Wet Weather Flow, Gallons per Minute):				2.1

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: Robinson Residence

Service Requested: Wastewater

SER-2959

Hansen Service Request Number 413615

Date Received: 10/12

Location: 7603 MOWINKLE DR AUSTIN TX 78736- ROBINSON RESIDENCE (TCAD 0406500602)

Acres: 1.37

Land Use: SINGLE FAMILY

Alt. Utility Service or S.E.R. Number: City of Austin Water Service Available

Quad(s): A20

DDZ: NO

1/27/2011

Drainage Basin: WILLIAMSON	Pressure Zone: SOUTHWEST C	DWPZ: YES
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Flow: (Estimated Peak Wet Weather Flow, Gallons per Minute) 2 GPM	% Within City Limits: 0
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Cost Participation: \$0.00	% Within Limited Purpose: 0
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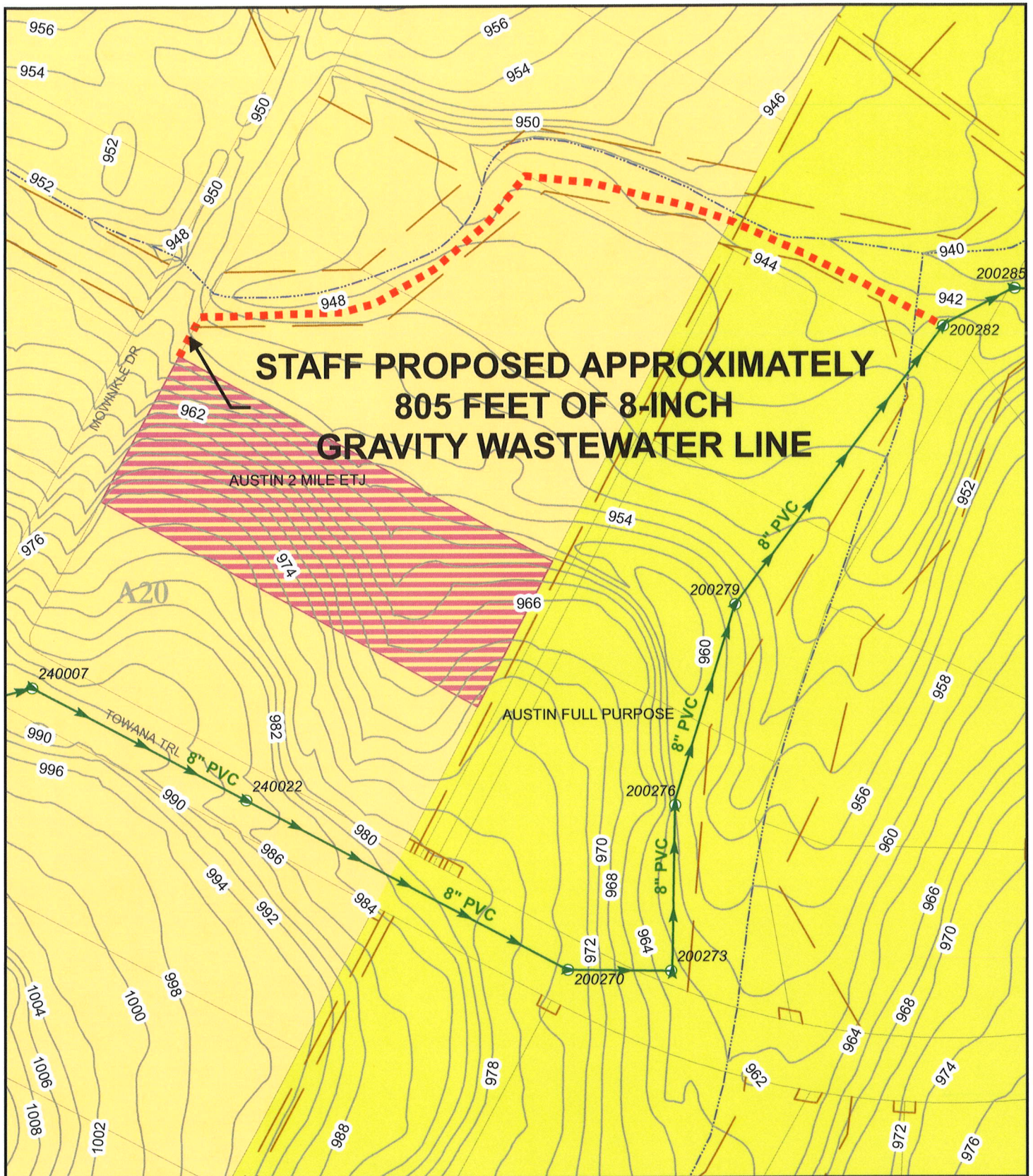
Description of Improvements:

Applicant will construct approximately 805 feet of 8-inch gravity wastewater line from the existing 8-inch gravity wastewater line (Project 2004-0632 at Manhole Unit ID#200282) northeast of the tract, west and southwest within an approved public wastewater easement and then south along MOWINKLE DR to the subject tract.

NOTE: The proposed conceptual alignment for this wastewater line appears to be within an existing drainage easement. It appears that an approved public wastewater easement would also need to be dedicated along this path.

Completion and acceptance of the improvements described above and the conditions set forth below:

- 1) Construction of all Service Extensions is 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) Proposed public wastewater improvements will be dedicated to The City of Austin for ownership, operation, and maintenance.
- 6) 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.
- 7) The approved Service Extension will automatically expire 120 days after date of approval unless a development application has been accepted by the Watershed Protection 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.
- 8) Approval by the City Council will be required based on Austin City Code § 25-9-35.



0 70 140 280 420 Feet



Subject Tract

Jurisdiction



Full-Purpose City Limit



2-MILE ETJ

W.W. S.E.R. Name: Robinson Residence

W.W. S.E.R. Number: 2959

Utility Development Services Plotted 10/19/2010

**Mark and Cindy Willis Residence
Wastewater Service Extension Request #2972**

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

Yes, future development will comply with the Water Supply Rural Watershed requirements.

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

No, the requested service does not result in a more intense development than would be possible absent the service. An onsite septic system can meet the proposed single-family development's wastewater needs.

3) Is the site in an area in which we are encouraging development?

The proposed SER is to an existing single-family residence north of other single-family residences in the same subdivision.

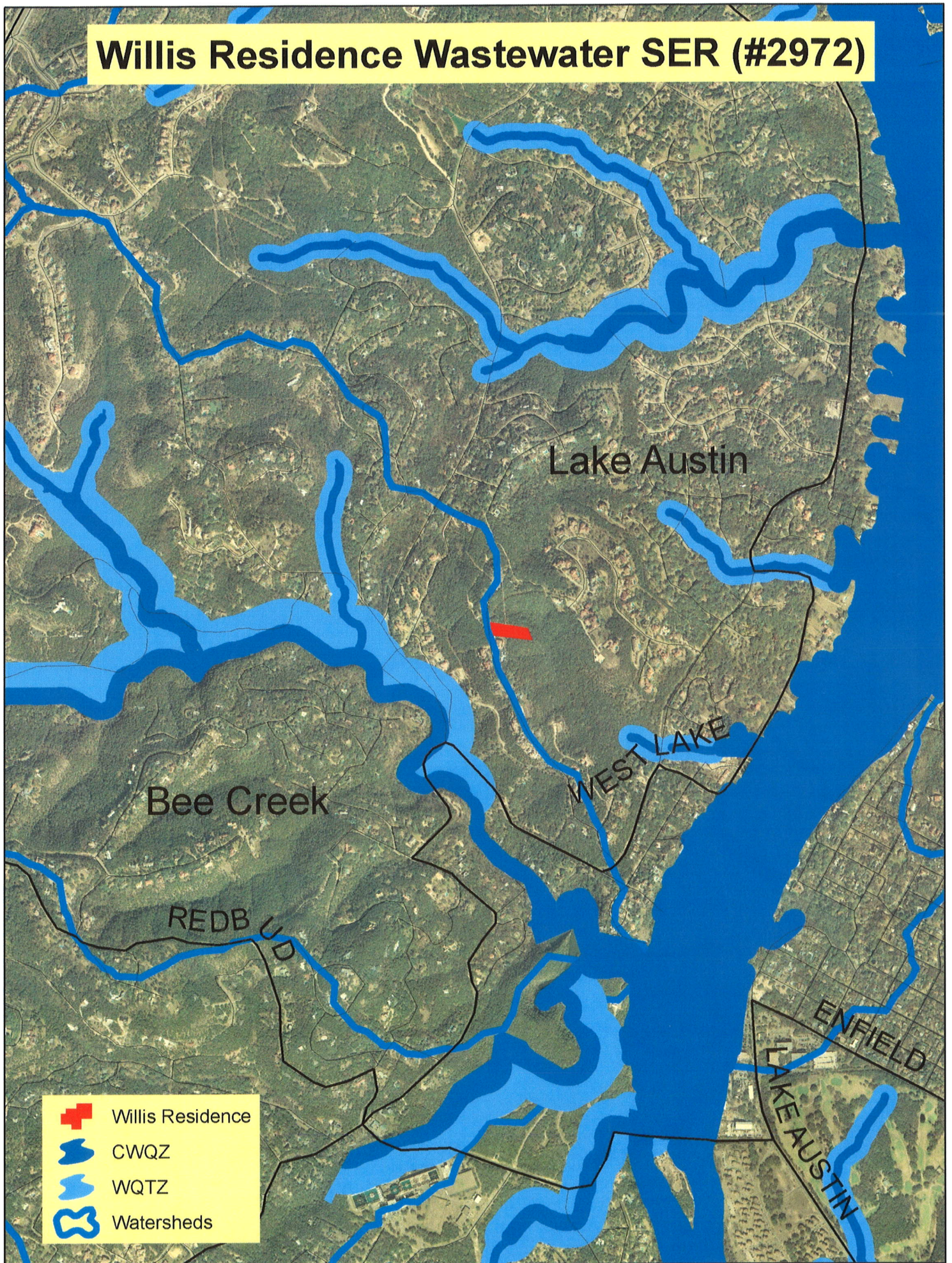
4) Would centralized service solve known or potential environmental problems?

No, centralized wastewater service would not solve any known or potential environmental problems; however, centralized service can limit surface or subsurface water contamination from poorly designed, located or maintained onsite systems.

5) Is serving the area consistent with long-term service area and annexation goals?

The Willis residence is located in the City Of Austin's ETJ and water and wastewater service areas; however, the city does not have near term plans to annex the site.

Willis Residence Wastewater SER (#2972)



Botto, Robbie

From: Kirk, Colleen [Colleen.Kirk@ci.austin.tx.us]
Sent: Friday, January 07, 2011 10:41 AM
To: Murphy, Pat; Botto, Robbie
Cc: Grabbs, James; Huggins, Cole; Jaeger, Phillip; Miri, Seyed
Subject: Mark and Cindy Willis Residence SER for Wastewater (SER-2972) WPD Review

Attachments: ser2972DRAFT2010-12-13.pdf

Calculations for estimated utility requirements:

SER Name: Mark and Cindy Willis Residence			Water SER#	N/A
Acres:	1.619	Fire Flow (gpm):	Wastewater SER#	2972
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 Peak Day Flow, Gallons per Minute) + Fire Flow (gpm)				1.3
Average Wastewater Flow (gallons/day)				245
Wastewater Flow: (Estimated Peak Wet Weather Flow, Gallons per Minute)				1.5

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: Mark and Cindy Willis Residence

Service Requested: **Wastewater**

SER-2972

Hansen Service Request Number 417406

Date Received: 12/09

Location: 1807 MOUNT LARSON RD AUSTIN TX 78746-
MARK AND CINDY WILLIS RESIDENCE

Acres: 1.62

Land Use: SINGLE FAMILY

Alt. Utility Service or S.E.R. Number: Existing City of Austin
Water Service

Quad(s): F25

DDZ: NO

Drainage Basin: LAKE AUSTIN

Pressure Zone: CENTRAL SOUTH

DWPZ: YES

Flow: (Estimated Peak Wet Weather Flow, Gallons per Minute) 1.5 GPM

% Within City Limits

Cost Participation: \$0.00

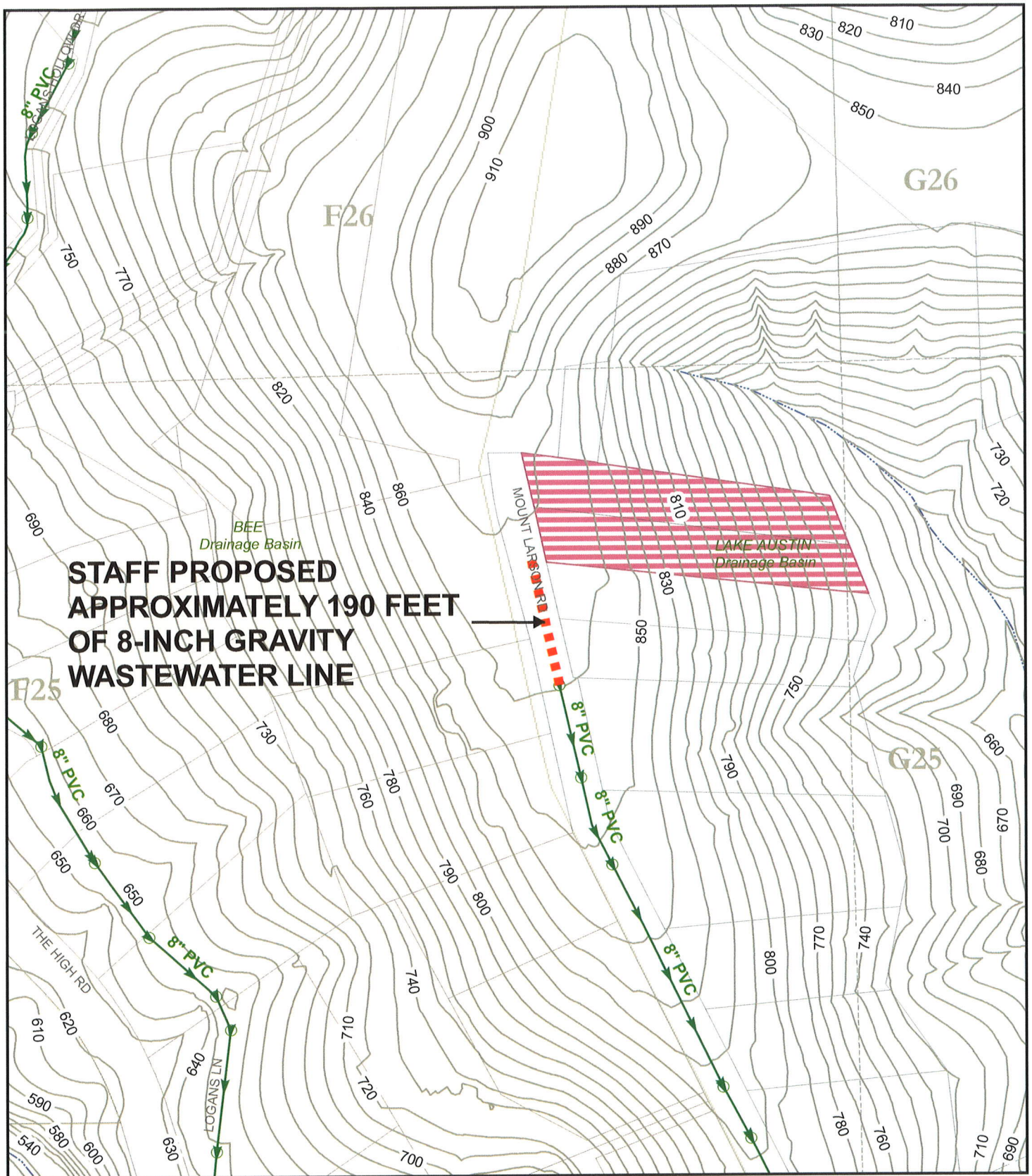
% Within Limited Pu

Description of Improvements:

Applicant will construct approximately 190 feet of 8-inch gravity wastewater line from the existing 8-inch gravity wastewater line (Project No. 99-0671, Manhole ID# 117483) in Mount Larson Road north along Mount Larson Road to the subject tract.

Completion and acceptance of the improvements described above and the conditions set forth below:

1. Construction of all Service Extensions is 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. Proposed public wastewater improvements will be dedicated to The City of Austin for ownership, operation, and maintenance.
6. 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.
7. The procedures under City of Austin Code and Texas Commission on Environmental Quality Code for the abandoning of septic tanks must be followed.
8. 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.
9. Approval by the City Council will be required based on Austin City Code § 25-9-35.



0 100 200 400 600 Feet

 Subject Tract

W.W. S.E.R. Name: Mark and Cindy Willis Residence
W.W. S.E.R. Number: 2972

Utility Development Services Plotted 12/13/2010