



## MEMORANDUM

**TO:** Kevin Ramberg, Chair, and Members of the Environmental Commission

**FROM:** Kaela Champlin, Environmental Program Coordinator, Watershed Protection Department

**DATE:** June 1, 2022

**SUBJECT:** Austin Ready Mix Wastewater Service Extension Request #5313

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Service Extension Requests (SER) located in the Drinking Water Protection Zone and outside of the City of Austin's full purpose jurisdiction require Council approval and review by the Environmental Commission. Watershed Protection Department (WPD) staff have completed the review for 8738 US Hwy 290 West wastewater SER #5313 and recommend the request.

### **Site Overview**

The site consists of one tract of approximately 4.44 acres, located at 8738 W US 290 Highway in the City of Austin's 2-mile Extraterritorial Jurisdiction. The applicant is proposing to build an 82,000 square foot warehouse building with 21 Living Unit Equivalents (LUEs). At the time of this review, a site plan has not yet been submitted to the City of Austin.

### **Environmental Impacts**

The property is in the Slaughter Creek Watershed, the Barton Springs Zone, the Edwards Aquifer Contributing Zone, and the Drinking Water Protection Zone. The site is subject to the Save Our Springs (SOS) Ordinance. An Environmental Resource Inventory was conducted by the applicant, and no known recharge environmental features or critical environmental features were found on site. The site does not contain a critical water quality zone or water quality transition zone and does not drain to known occupied salamander habitat.

### **Development Impacts**

#### Water:

The applicant is not requesting a water SER for this site. There is a 12-inch water main on-site to connect to Circle Drive that would meet the fire and domestic needs for the proposed development.

Wastewater:

The applicant is proposing to construct approximately 810 feet of appropriately size force main from the existing 8-inch gravity wastewater main located in Circle Drive near South Bend Avenue west along Circle Drive then south and west along South Bend Avenue to the subject tract, as shown on the attached map. The existing wastewater main serves the Alister Oak Apartment Complex to the south of the proposed wastewater SER.

Alternative Wastewater Service:

If service is not extended to the site and wastewater disposal is required, an On-Site Sewage Facility (OSSF) would not be a feasible alternative for the estimated amount of flow.

Alternatively, the applicant could apply for a Subsurface Area Drip Dispersal System (SADDS) issued by the Texas Commission on Environmental Quality. This would require 1.91 acres for a subsurface dispersal field, on-site storage, and on-site treatment plant, which would need to be deducted from the net site area calculations associated with impervious cover limits. Due to the number of trees and land disturbance that would be required to clear land for the subsurface dispersal field that would not otherwise be required for this development, WPD staff do not recommend this alternative.

**Recommendation**

WPD staff concludes that there are no significant environmental risks to extending service to the site and providing centralized wastewater service to the site is not likely to facilitate increased development intensity in the area. Therefore, WPD staff recommends the requested wastewater service extension request #5313.

The attached information provides further detail on the applicant's request. Please feel free to contact Kaela Champlin at (512) 974-3443 or [kaela.champlin@austintexas.gov](mailto:kaela.champlin@austintexas.gov) if you have any questions or comments about the proposed SER.

cc: Christine Perez, P.E., Austin Water  
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