

**SAN ANTONIO WATER SYSTEM  
Interdepartment Correspondence Sheet**

**To:** Zoning Commission Members

**From:** Scott R. Halty, Director, Resource Protection & Compliance Department,  
San Antonio Water System

**Copies To:** Andrew Wiatrek, Manager, Edwards Aquifer and Watershed Protection Division,  
Michael Barr, Supervisor, Aquifer Protection and Evaluation Section, Michael A.  
Escalante, Environmental Protection Specialist III

**Subject:** Zoning Case Z2021-10700106 (Hausman Rd Duplex)

**Date:** August 30, 2021

**SUMMARY**

A request for a change in zoning has been made for an approximate 0.441-acre tract located on the city's northwest side. A change in zoning from **“R-6 ERZD”** to **“R-6 CD ERZD”** is being requested and represented by the owner, Shapour Olia. The change in zoning has been requested to allow for a duplex development. The property is currently designated as a Category 2.

Based on the site evaluation of the property, and the information submitted by the applicant, SAWS staff recommends **approval** of the proposed land use. Should the City Council rezone the property that is the subject of this report, the San Antonio Water System recommends that any development on that property after the zoning classification has been changed should be restricted as stated in the environmental recommendations section of this report.

**LOCATION**

The subject property is in City Council District 8, approximately 150 feet east of Ridge Oak Parkway and Hausman Rd. intersection. The property lies within the Edwards Aquifer Recharge Zone (Figures 1 and 2).

**SITE EVALUATION**

1. Development Description:

The proposed change is from **“R-6 ERZD”** to **“R-6 CD ERZD”** and will allow for the development of a duplex on 0.441-acres. Currently, the site is an undeveloped single-family residential lot located in the Dell Oak Estates subdivision. The residential lot is vegetated with native trees and grasses. The proposed project will consist of a two-story duplex with a parking area.

2. Surrounding Land Uses:

Single-family residential homes surround the site from the north, east and west. Hausman Rd bounds to the south.

3. Water Pollution Abatement Plan:

As of the date of this report, a WPAP has not been submitted to the Texas Commission on Environmental Quality (TCEQ). A WPAP will be required to be submitted to and approved by the TCEQ prior to commencement of construction.

4. Geologic Conditions:

The Aquifer Protection and Evaluation Section of the San Antonio Water System conducted a site evaluation on May 7, 2021, of the referenced property to assess the geologic conditions and evaluate any environmental concerns present at the site. SAWS Environmental Geologist, Mr. Bruce Keels, P.G., was present during the site evaluation.

The subject site was observed to be undeveloped and approximately 0.441-acres in area. The undeveloped residential lot was observed to have native trees growing along a wooden western boundary fence line as well as trees and shrubs growing along a wrought-ironed southern boundary fence line affronting Hausman Rd. A grassy open space area in the remaining portion of the site was observed to be unfenced along the northern and eastern boundary. No significant rock exposure was observed on the subject site due to extensive soil cover.

No portion of the site lies in the floodplain. Stormwater occurring on the site would discharge to the south to an unnamed tributary to Leon Creek.

Using U.S. Geological Survey Water-Resources Investigations Report 95-4030 it was determined that the subject site is underlain by the Upper Confining Unit.

The Undivided Upper Confining Unit is characterized by the presence of massive limestone with very low porosity and permeability throughout the formation. The full section thickness of this member is approximately 30 feet thick. This unit includes the Del Rio Clay, Buda Limestone, and Eagle Ford Group, and is considered the upper margins of the Edwards Aquifer. No visual expression of the Upper Confining Unit was observed on the site due to limited rock exposure.

No sensitive geologic features were identified within the subject site.

## **ENVIRONMENTAL CONCERNS**

The environmental concerns associated with this development being constructed on the Edwards Aquifer Recharge Zone are:

### **General Concerns**

1. The improper use of pesticides, herbicides, or fertilizers needed for landscape maintenance that may be carried off in the first flush of stormwater run-off.
2. The build-up of hydrocarbons and other pollutants on streets, parking lots and other paved areas that are then carried off in the first flush of stormwater run-off.

## **ENVIRONMENTAL RECOMMENDATIONS**

The following recommendations address the environmental concerns raised by the construction of this development on the Edwards Aquifer Recharge Zone:

### **Site Specific Recommendations**

1. The impervious cover as provided in a site plan by the applicant, shall not exceed 20% on the 0.441-acre site.
2. The land uses within the project site shall be in conformance with the table of permitted uses at the time the re-zoning is approved. Should a proposed use be listed as requiring City Council approval, the owner/operator shall apply for re-zoning for that particular use at the project site. If the land use is listed as special use, a special permit must be obtained for that use. If the land use is listed as not allowed, that land use will not be permitted on the project site.
3. Landscaped areas shall be sensitive to minimizing water needs, i.e., use of native plants. Each purchaser of an individual lot or tenant within this development shall be informed by the seller or lessor in writing about Best Management Practices (BMP) for pesticide and fertilizer application. Preventing Groundwater Pollution, A Practical Guide to Pest Control, available from the Edwards Aquifer Authority (210) 222-2204, or equivalent information produced by the U.S. Natural Resource Conservation Service, Texas Department of Agriculture, U.S. Department of Agriculture, shall be used.

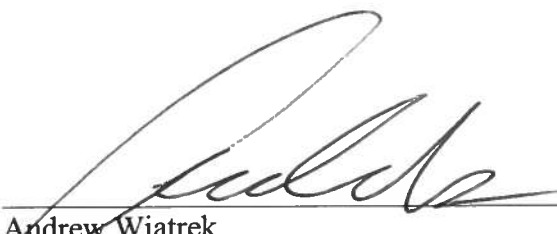
4. The applicant shall notify the Construction Monitoring of SAWS at (210) 233-3565 no later than 48 hours prior to the commencement of construction at the site. If any significant geologic features such as, but not limited to, solution openings, caves, sinkholes, or wells are found during the excavation, construction, or blasting, the developer shall notify the Texas Commission on Environmental Quality and the Aquifer Protection & Evaluation Section of SAWS at (210) 233-3522.

#### General Recommendations

1. Prior to the release of any building permits the owner/operator of any Category 2 property shall submit an Aquifer Protection Plan to the Aquifer Protection & Evaluation Section of the San Antonio Water System.
2. The City of San Antonio shall inspect all future construction of the sewage collection system to include service laterals and sewer mains for proper construction according to State and City Regulations and Code.
3. The Resource Protection & Compliance Division staff shall have the authority to inspect the site to ensure that the approved recommendations are being strictly adhered to during and after construction of the project.

Based on the site evaluation of the property, and the information submitted by the applicant, staff recommends **approval** of the proposed land use. Additionally, SAWS staff recommends that the applicant, or any future owner, comply with the above recommendations in regards to the development of the subject property.

APPROVED:

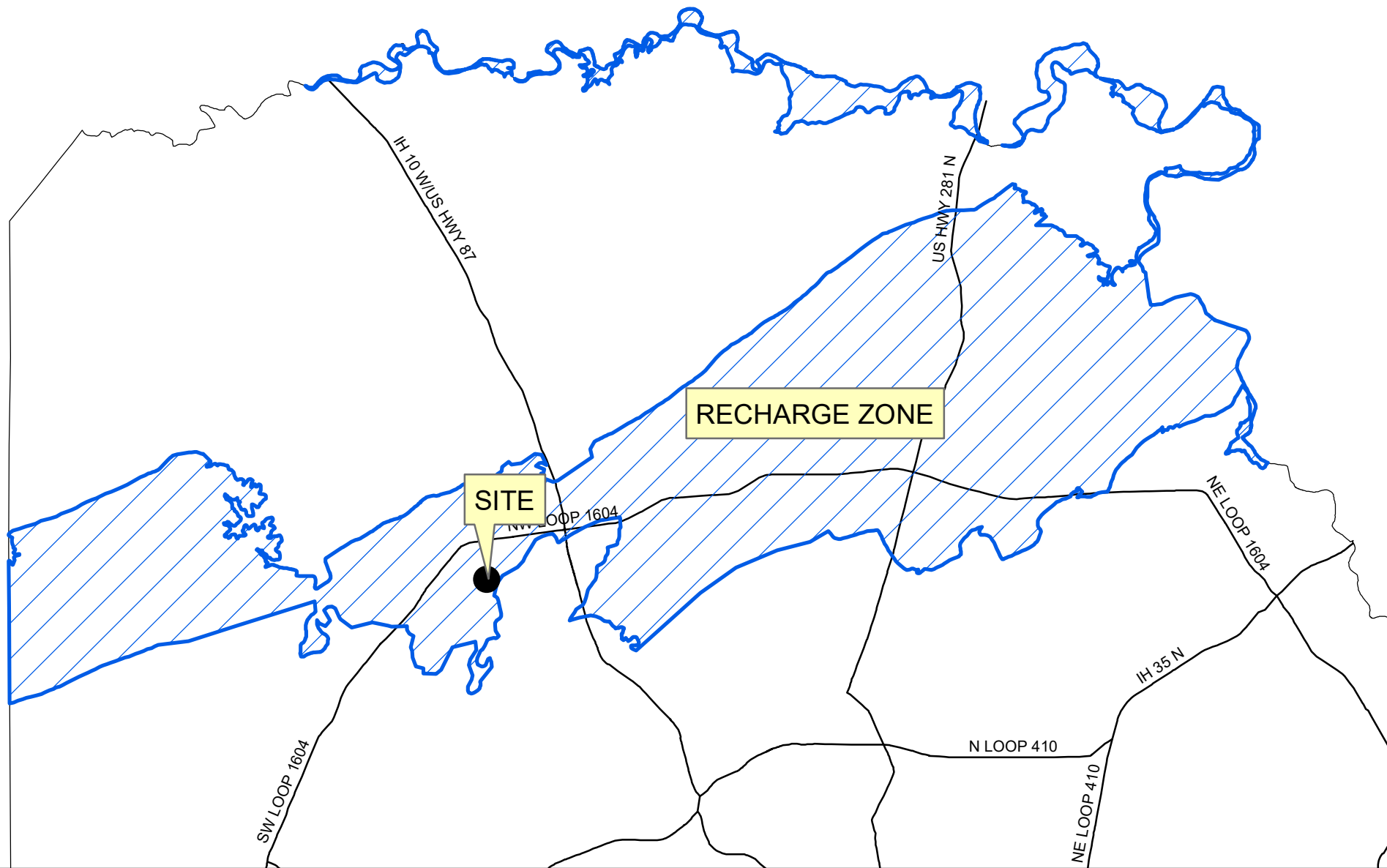


Andrew Wiatrek  
Manager  
Edwards Aquifer and Watershed Protection Division



Scott R. Halty  
Director  
Resource Protection & Compliance Department

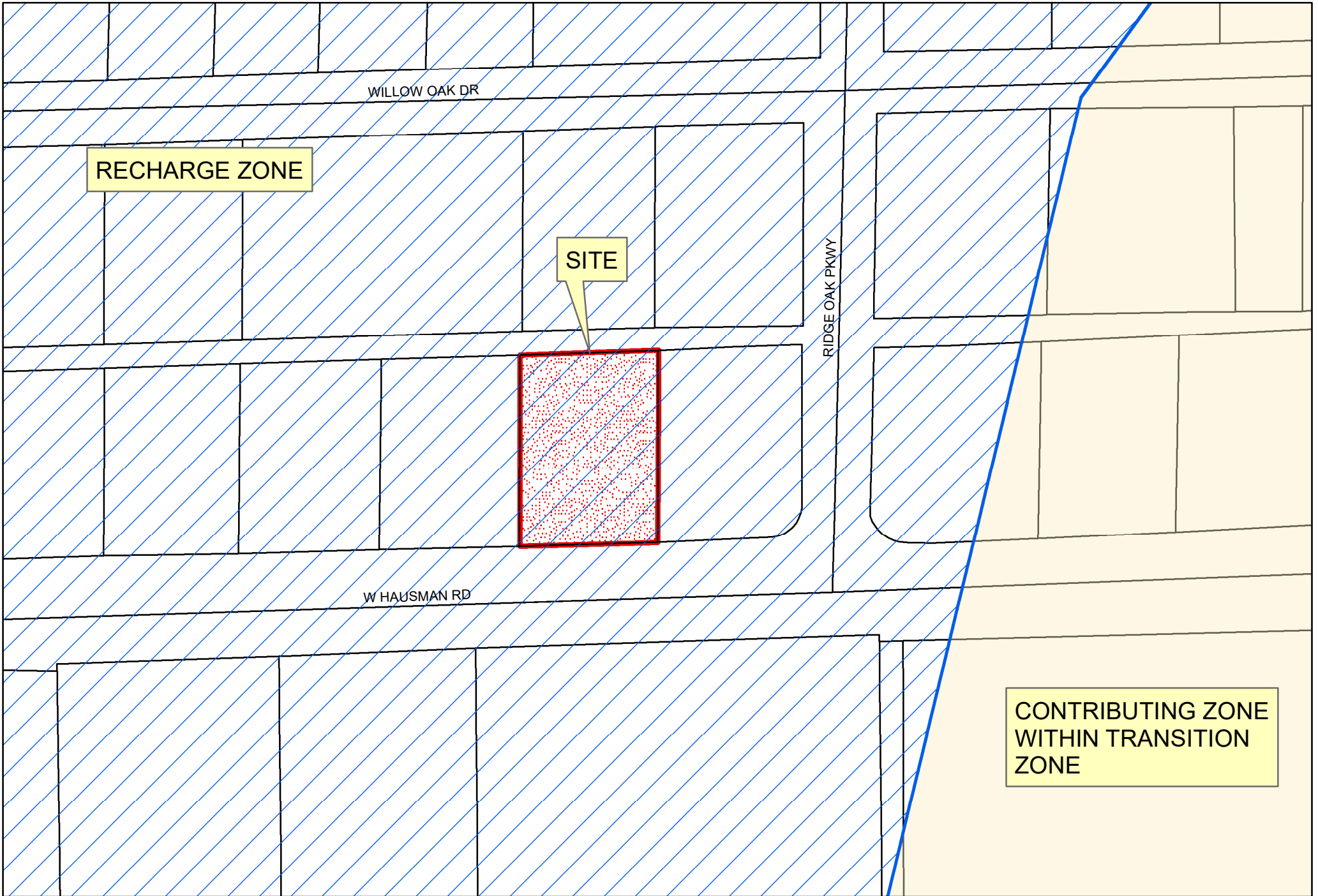
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ZONING FILE: HAUSMAN RD DUPLEXES (FIGURE 1)  
ZONING CASE: Z2021-10700106  
MAP PAGE: 168, A2

Map Prepared by SAWS, Resource Protection & Compliance Dept. MAE 5/19/2021





ZONING FILE: HAUSMAN RD DUPLEXES (FIGURE 2)  
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MAP PAGE: 168, A2

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