




# AST

## ABOVEGROUND STORAGE TANK PROGRAM



Farmers, Ranchers, and Landowners, you play a key role in helping to protect the water quality in the Edwards Aquifer.

In 2002, to further protect and preserve the aquifer's groundwater supply, the EAA adopted rules regulating storage tanks on the Recharge Zone. Initially, implementation of these focused on urban areas and industrial sites, where large amounts of regulated substances are typically stored. However, petroleum products, and other regulated substances, are often stored in aboveground storage tanks (AST) on farms, ranches, and home sites on both the Recharge and Contributing Zones. These tanks, if not properly maintained, may leak or spill, allowing harmful contaminants to enter your groundwater supply. The flowchart on the next page can help you determine whether or not your tanks are subject to EAA storage tank rules.



**Did You Know?**

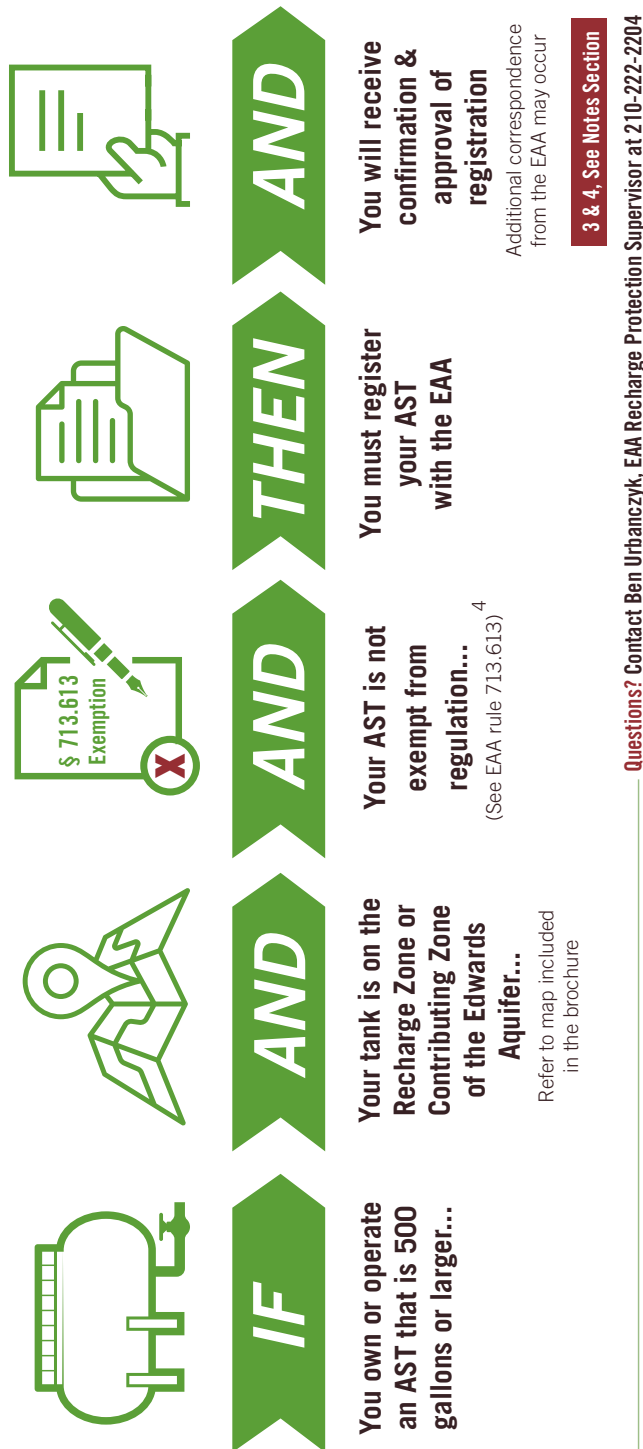
As little as one gallon of gasoline can contaminate a million gallons of groundwater. Once contaminated, an aquifer is extremely difficult and very expensive to clean up. <sup>2</sup>

**Cover:** Extensive rust and corrosion is visible on this single wall steel aboveground storage tank. Secondary containment should be installed to reduce the likelihood of environmental pollution resulting from potential tank failure.

1 & 2, See Notes Section

# **\*AST REGISTRATION PROCESS** **ABOVEGROUND STORAGE TANKS REGULATION EAA Rule § 713.604<sup>3</sup>**

For more information: See EAA Rules, Chapter 713 (Water Quality), Subchapter G (Aboveground and Underground Storage Tanks) at <http://www.edwardsaquifer.org/legislation-and-policy/rules-and-regulations>



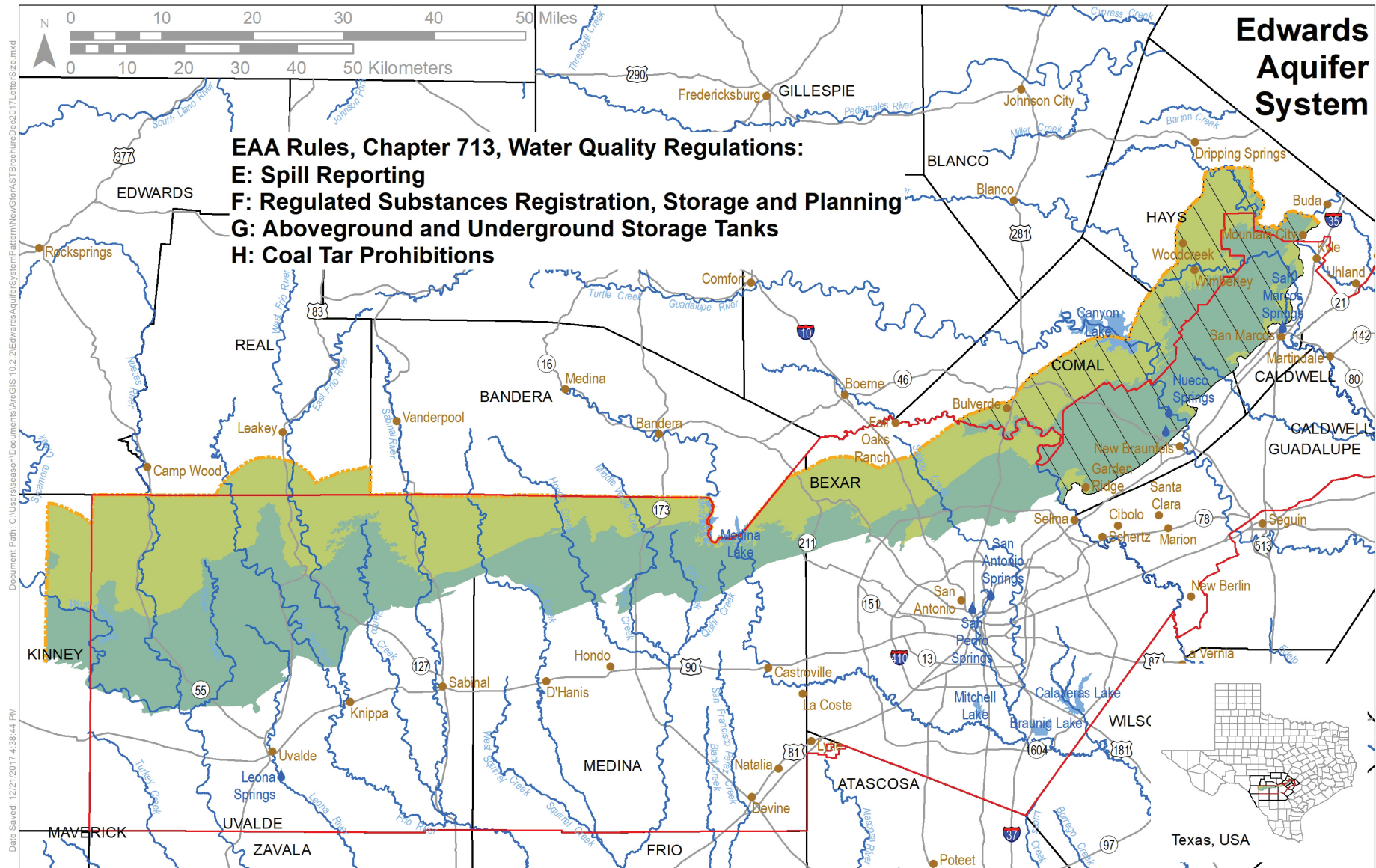


# Notes

- <sup>1</sup> US Government Publishing Office's listings of regulated and hazardous substances:  
[www.edwardsaquifer.org/aquifer-protection-and-programs/regulated-substances](http://www.edwardsaquifer.org/aquifer-protection-and-programs/regulated-substances)
- <sup>2</sup> Source: [twon.tamu.edu/media/619633/sc-017\\_twonpetroleumprod\\_cxd\\_pte-2.pdf](http://twon.tamu.edu/media/619633/sc-017_twonpetroleumprod_cxd_pte-2.pdf)
- <sup>3</sup> § 713.604 Registration of Aboveground and Underground Storage Tanks:  
<http://www.edwardsaquifer.org/aquifer-protection-and-programs/storage-tanks>
- <sup>4</sup> Full list of § 713.613 Exemptions:  
[www.edwardsaquifer.org/aquifer-protection-and-programs/storage-tanks](http://www.edwardsaquifer.org/aquifer-protection-and-programs/storage-tanks)



**Secondary Containment could  
help prevent environmental  
contamination.**



Disclaimer: This map was created for demonstrative use by the Edwards Aquifer Authority (EAA) and not intended for other purposes. This map is to be used as an informational tool only; it is not suitable for projects requiring survey accuracy; data accuracy is not guaranteed.

Reference Scale: 1:900,000

Coordinate System: NAD 1983 StatePlane Texas South Central FIPS 4204 Feet  
 Projection: Lambert Conformal Conic  
 Datum: North American 1983  
 False Easting: 1,968,500.0000  
 False Northing: 13,123,333.3333  
 Central Meridian: -99.0000  
 Standard Parallel 1: 28.3833  
 Standard Parallel 2: 30.2833  
 Latitude Of Origin: 27.8333  
 Units: Foot US



- Major Edwards Aquifer Springs
- Streams
- Lakes
- Cities
- Highways
- Counties

- Edwards Aquifer Authority Jurisdictional Boundary
- Five-Mile Water Quality Boundary
- Subchapters E, F & G as applicable in Contributing Zone of Edwards Aquifer
- Subchapters E, F & G as applicable in Recharge Zone of Edwards Aquifer
- Subchapter H





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