

UST Out of Service and Closure Requirements and AST Assessment

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**Missouri Department of Natural
Resources**

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UST Out of Use Regulations

- **In Missouri our new updated regulations went into effect December 30, 2011**
- **The first change is in Missouri there are no longer temporarily closed tanks. They are now called out of use tanks**

UST Out of Use Regulations

- **The second change is that within 12 months of taking the ust system out of use the ust system must be permanently closed or a site assessment must be completed**

UST Out of Use Regulations

- **The third change is that within 5 years of taking the tank out of use the tank must be permanently closed or put back in use.**
- **This includes even tanks that are what we consider upgraded tanks.**

UST Assessment

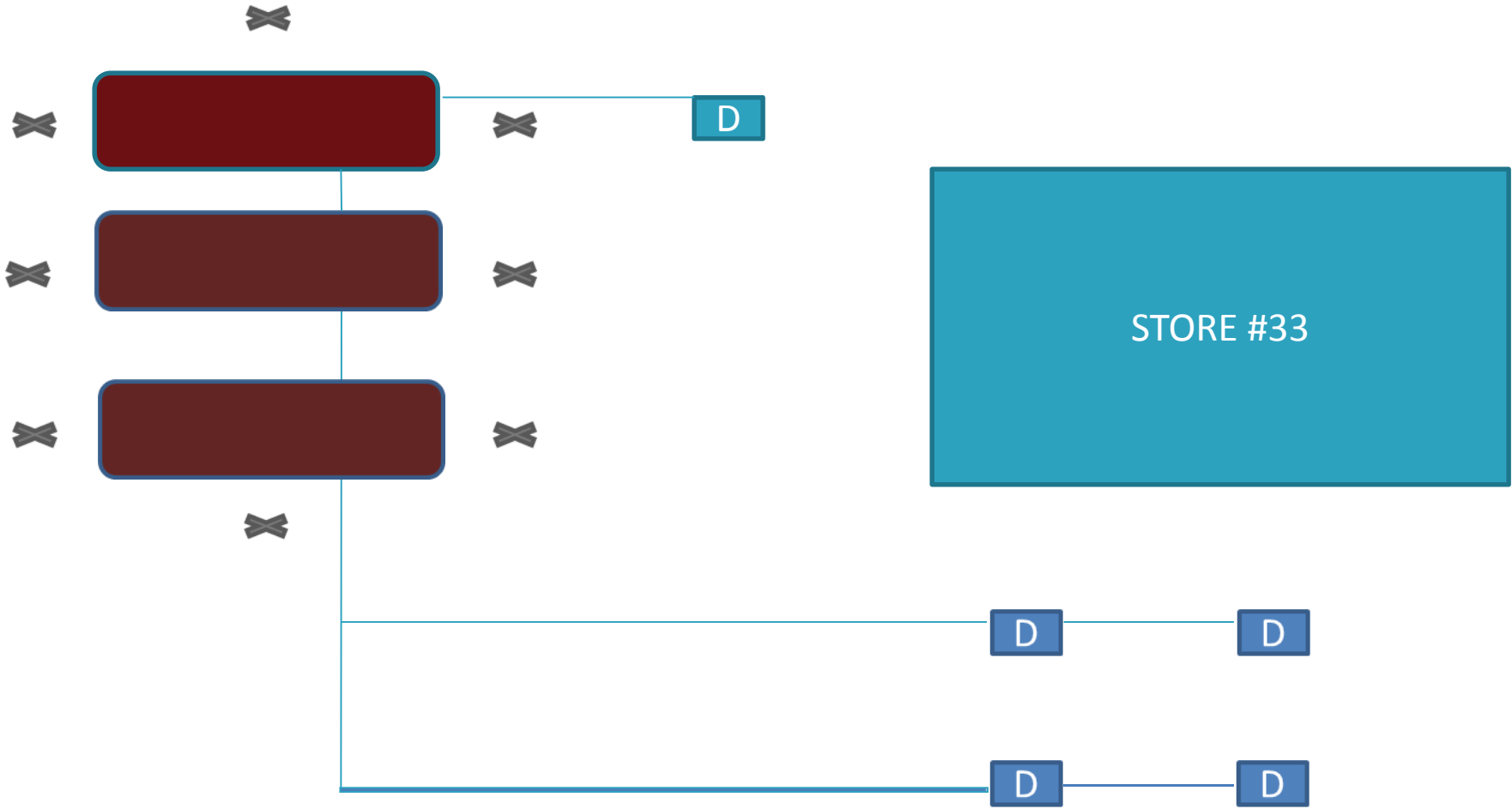
- **Site narrative – number of tanks, location, etc.**
- **Site Information - map of site, etc**
- **Chapter 4.4.2.5 Soil sampling requirements for in-place closure**
- **Samples around tanks, piping, dispensers, remote fill ports**

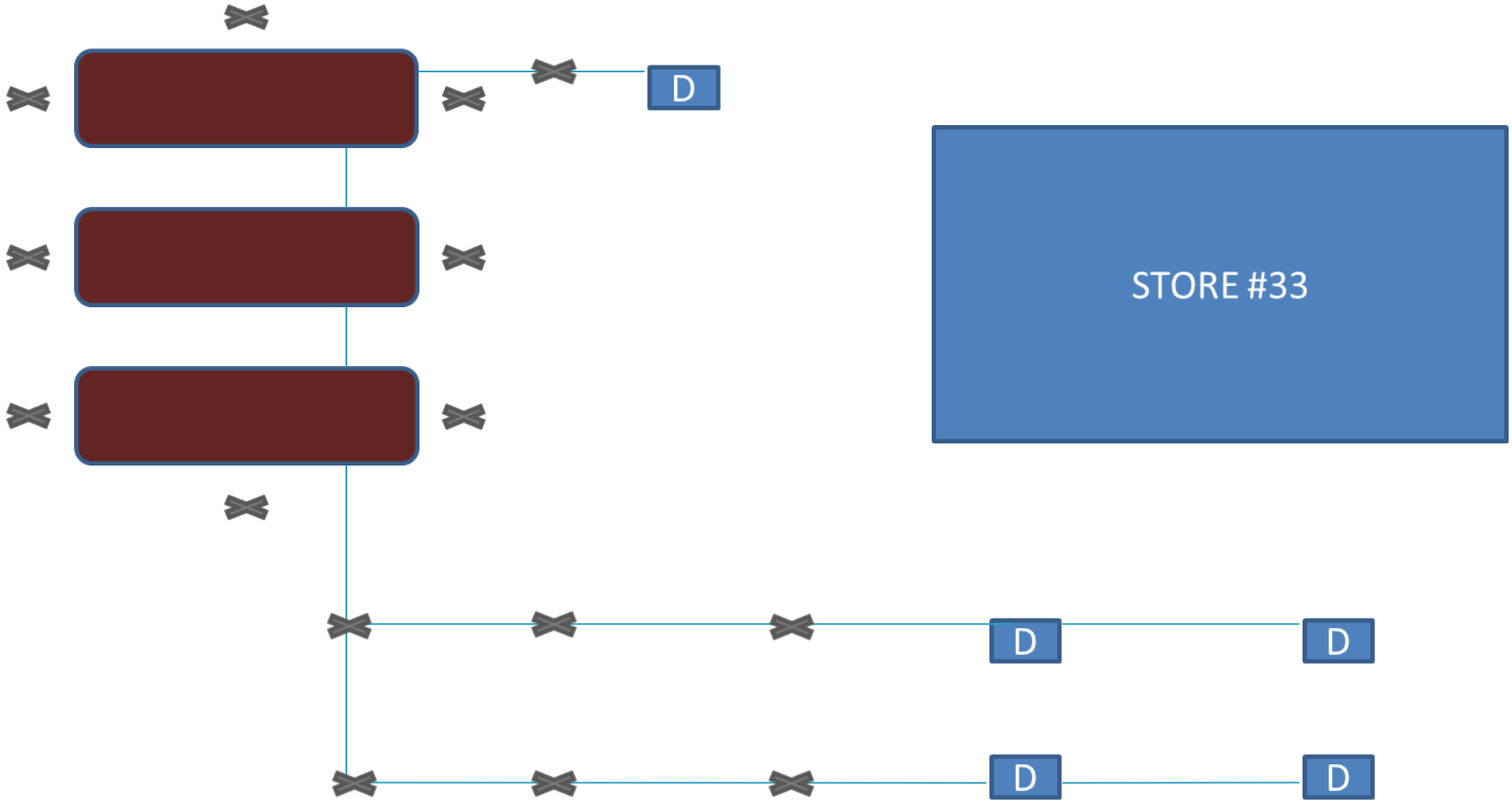
UST Assessment

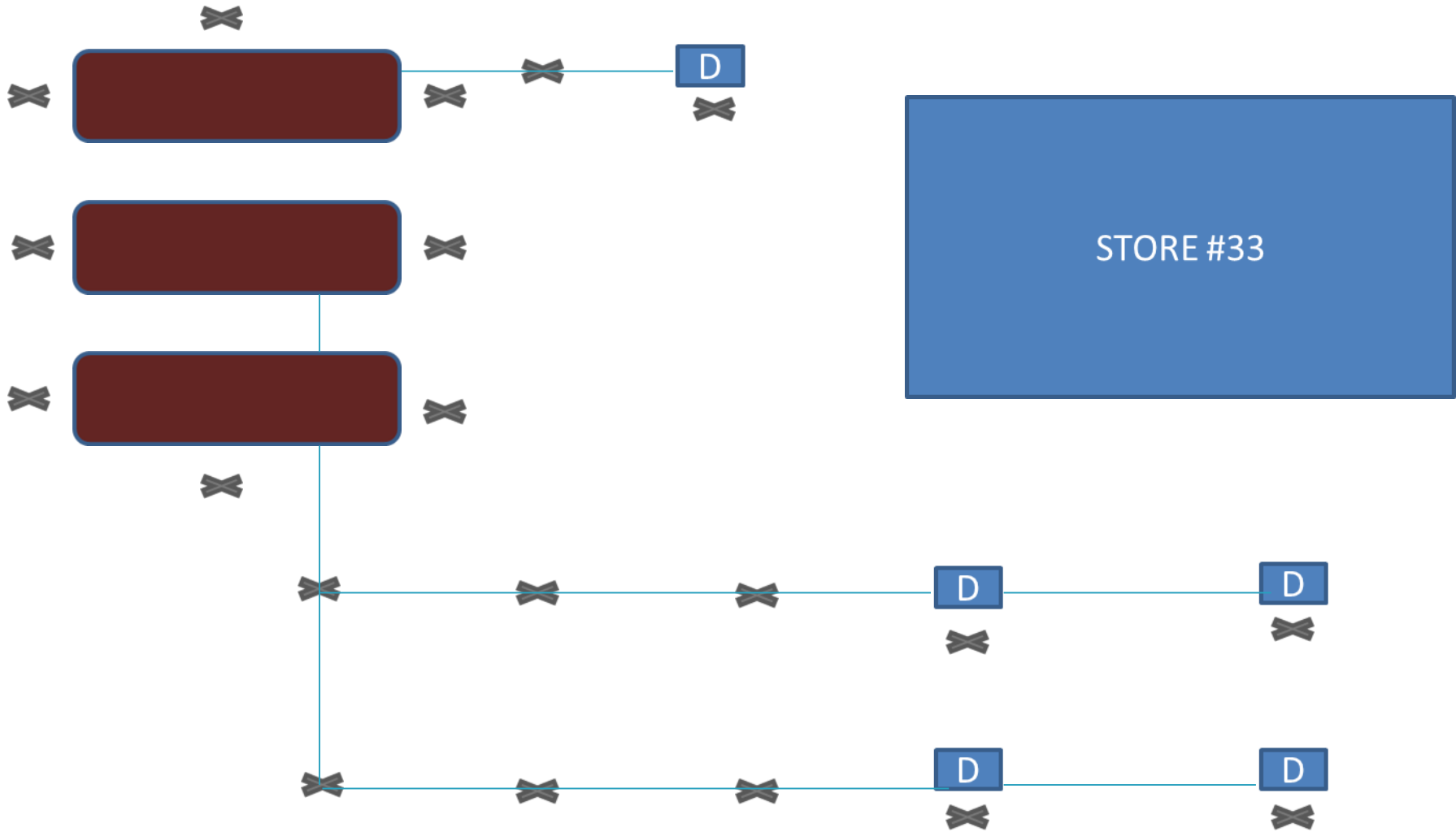
- **Background samples for metals if suspected**
- **Groundwater must be analyzed if encountered in the borings**
- **Map of Site**
- **Analytical data**

UST Assessment

- **Appropriate chemicals of concern (COC) – Figure 5-1**
- **Laboratory methods for analysis for soil and groundwater – Table 5-1**







UST Assessment

- **Submission of a site assessment report to DNR – Make sure to identify it as a report for an Out of Use Tank**
- **Submit to Chris Veit, Closure Unit Chief**

Review of Assessment

- **Either DTL's have not been exceeded, no further response necessary at this time**
- **Or DTL's have been exceeded, please conduct necessary actions to address release under Tanks RBCA**

5 Years Later

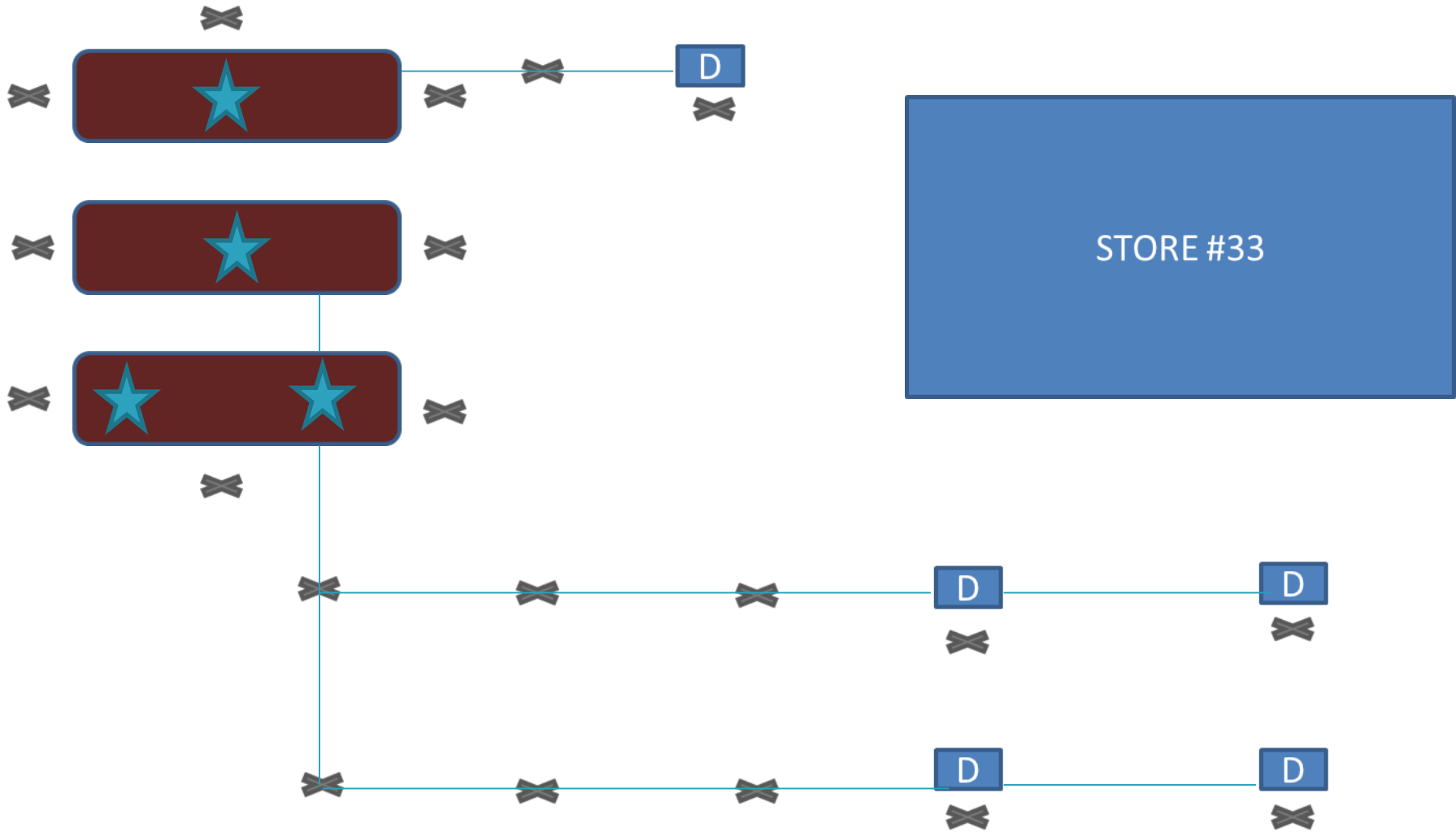
**Tanks stayed out of use that
entire time**

UST Out of Use Regulations

- **The third change is that within 5 years of taking the tank out of use the tank must be permanently closed or brought back into use.**

Closure of Tank

- **What's required.**
- **Need to still follow requirements of Chapter 4 of the Tank RBCA Guidance**
- **Already done sample around tanks, lines, pump islands**
- **Need sampling under the tanks**
- **Need all other information associated with UST Closure**



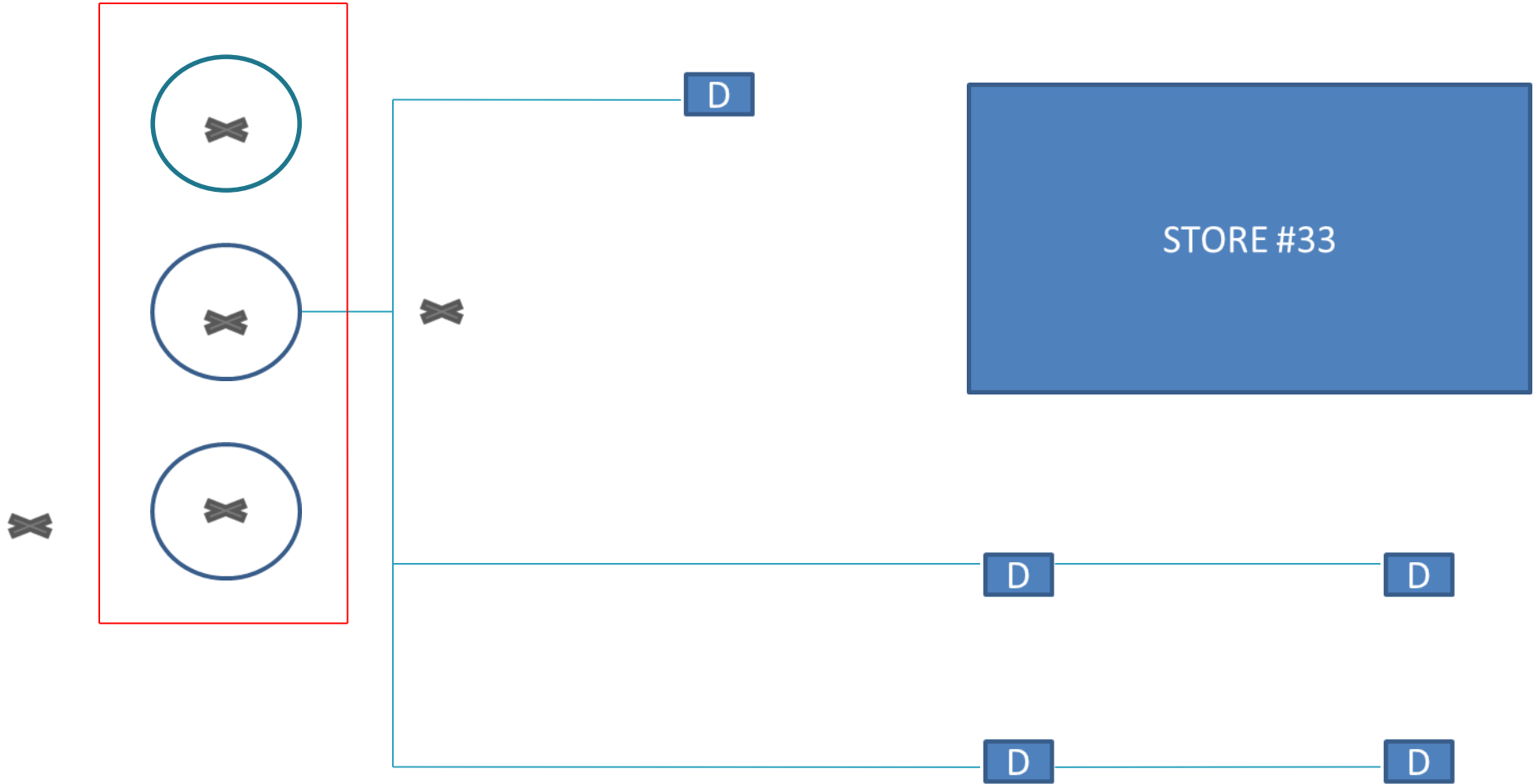
AST Assessment

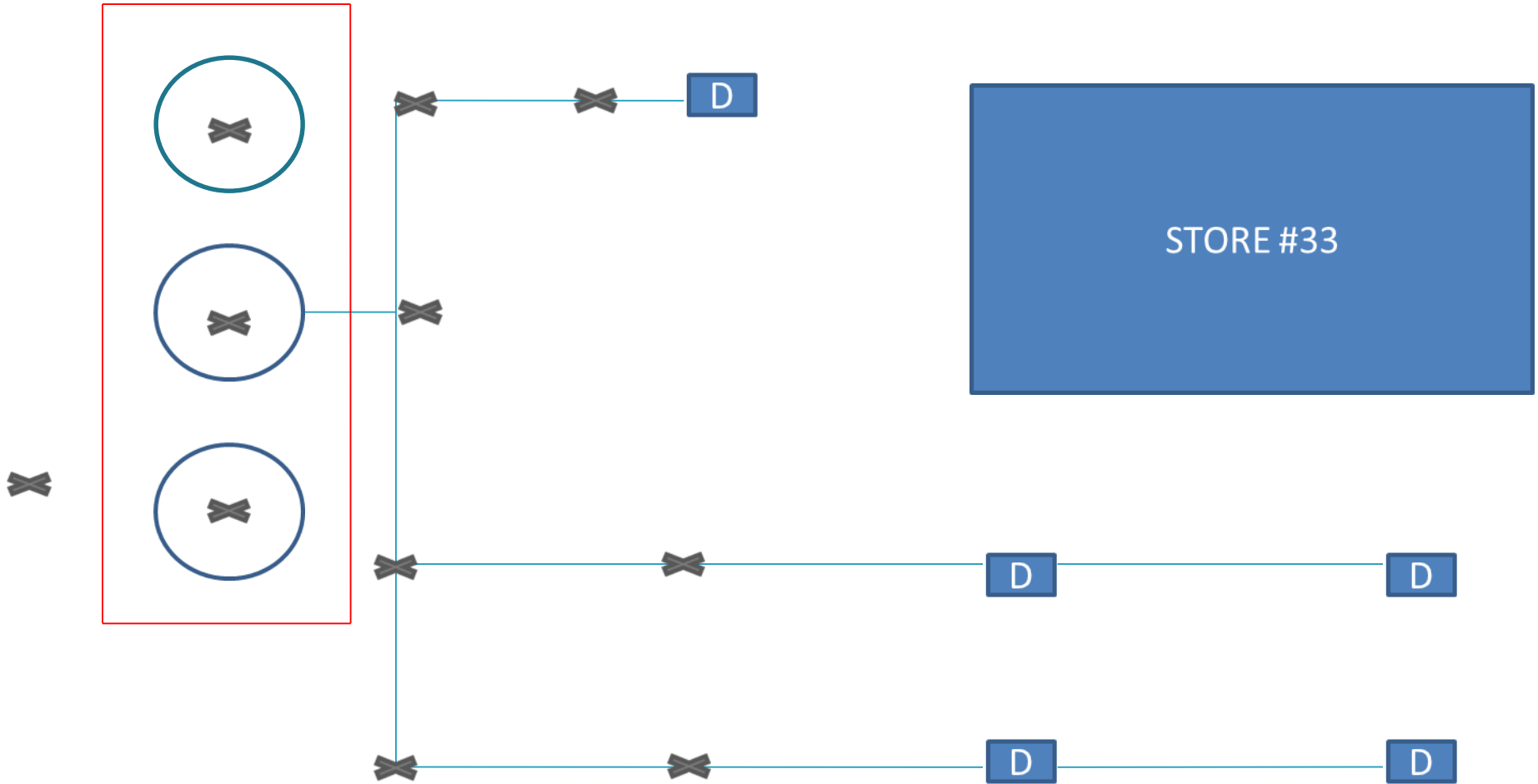
AST Assessment

- **Chapter 5 of Tanks RBCA**
- **Site narrative – number of tanks, location, etc.**
- **Site Information - map of site, etc**
- **On site groundwater use**
- **Current land use**
- **Soil and Groundwater data**

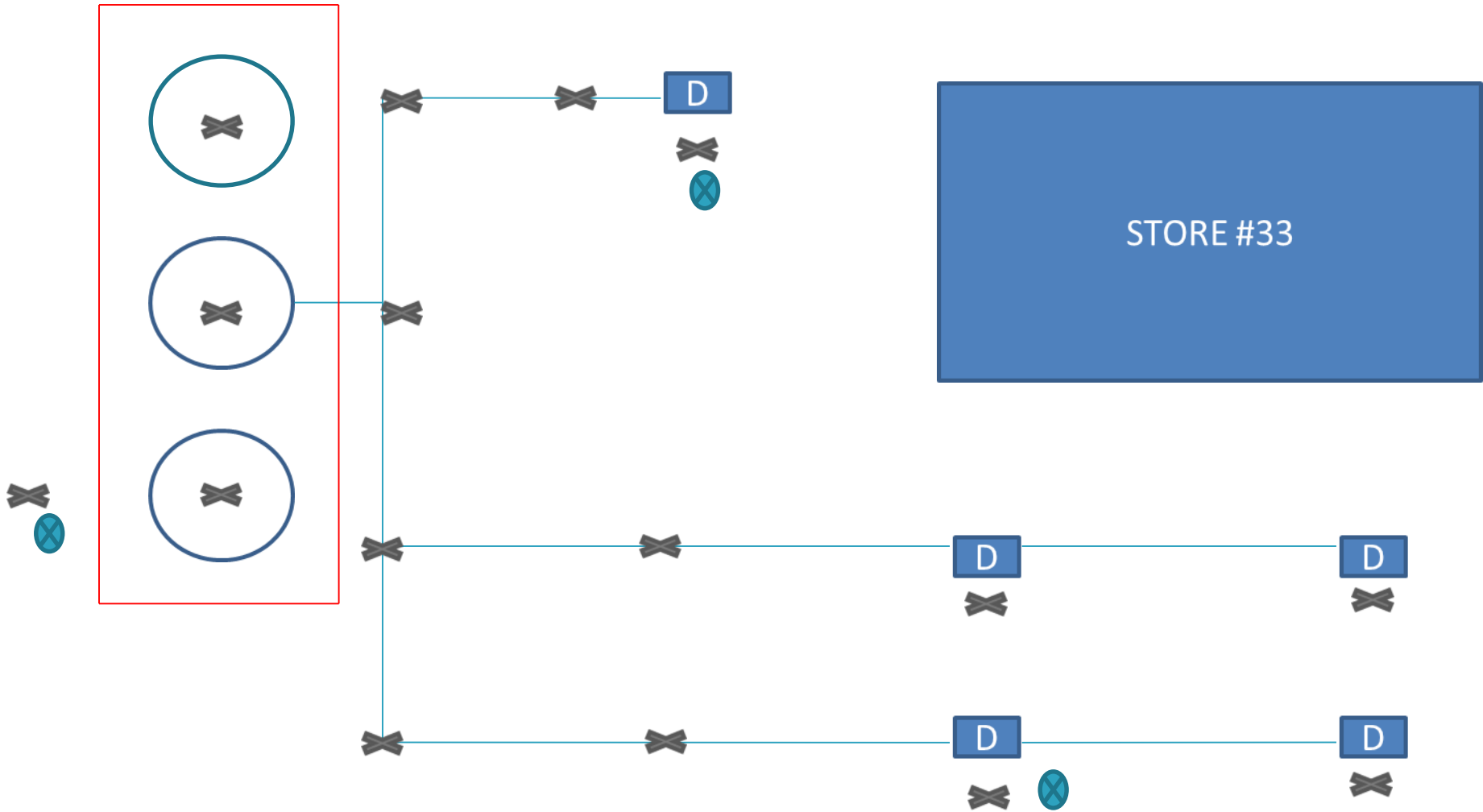
AST Assessment

- **Appropriate chemicals of concern (COC) – Figure 5-1**
- **Laboratory methods for analysis for soil and groundwater – Table 5-1**





Might need sample at drain plug, rack, etc



 groundwater monitoring well

AST Assessment

- **Submission of a site assessment report to DNR – Make sure to identify it as an assessment for AST site**
- **Submit to Laura Luther, RBCA Unit Chief**

Report Review

- **Either DTL's have not been exceeded, no further response necessary at this time**
- **Or DTL's have been exceeded, please conduct necessary actions to address release under Tanks RBCA**

QUESTIONS