

# Nitrogen Targeted Performance Std.

Technical Advisory Committee  
Meeting, July 22nd





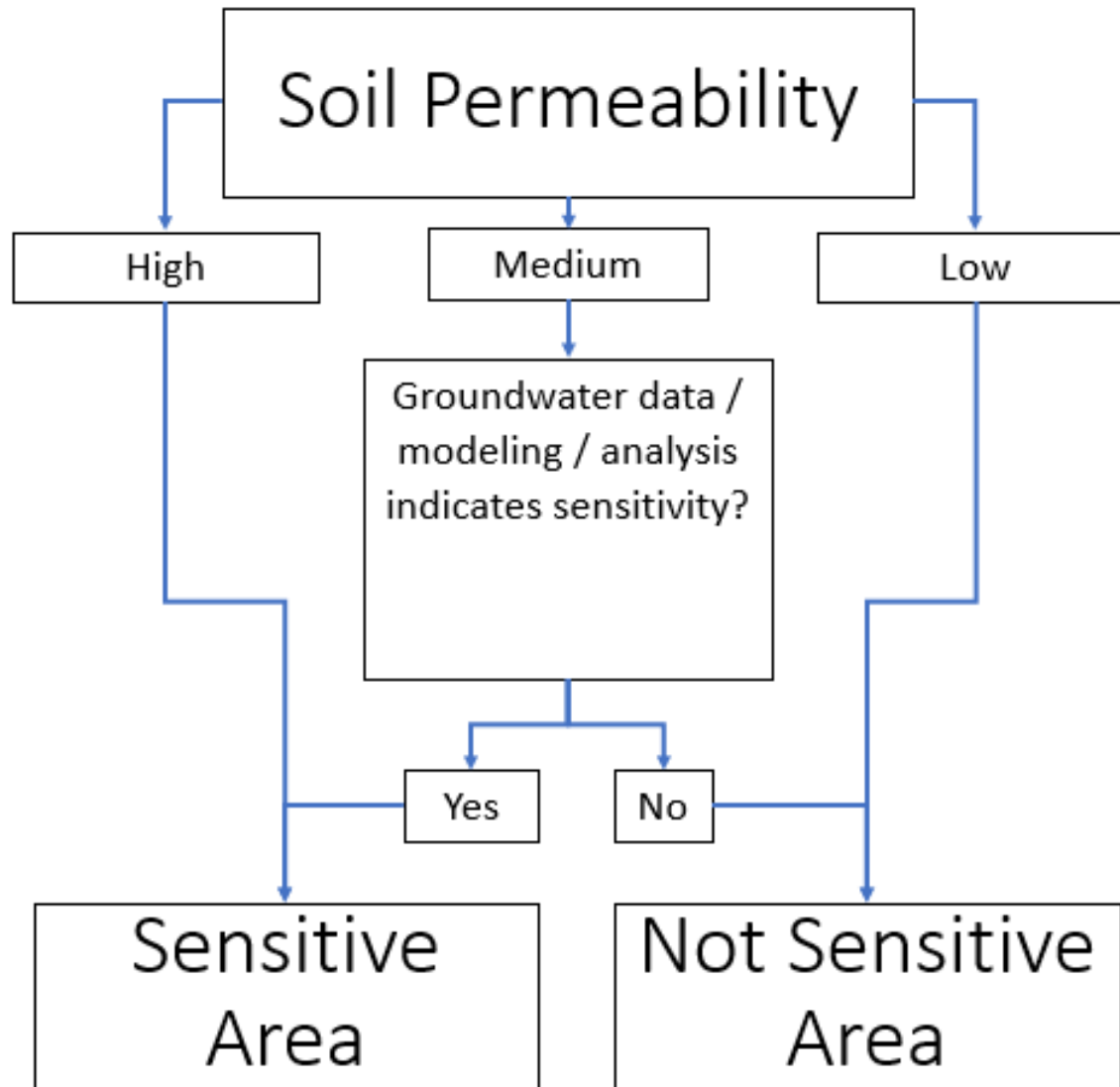
# Our Charge





1. Is this a sensitive area?
2. What is the performance standard?

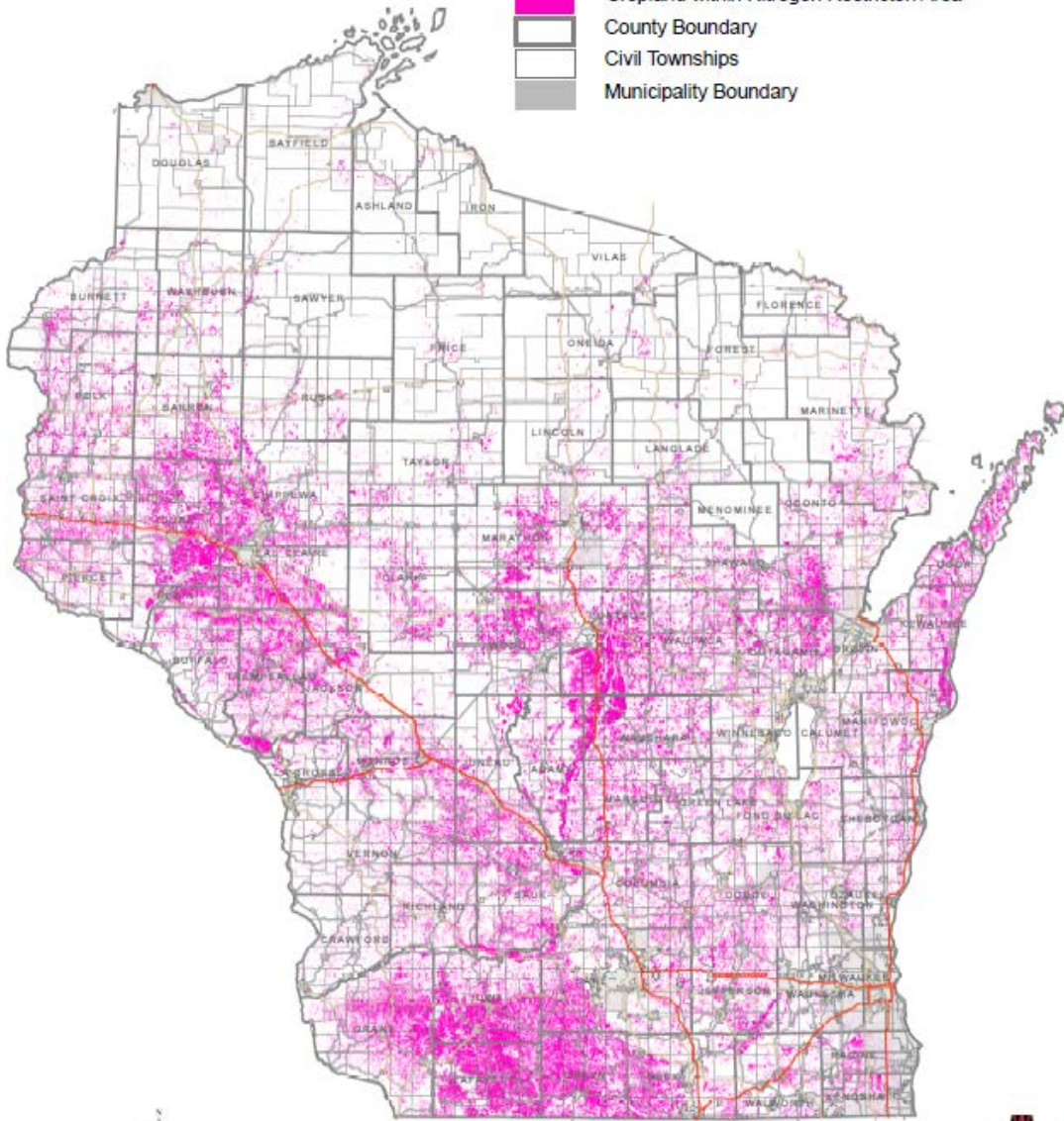
# Is My Field in a Sensitive Area?



# June 25<sup>th</sup> Meeting



-  Cropland within Nitrogen Restriction Area
-  County Boundary
-  Civil Townships
-  Municipality Boundary



## 590 N-Restricted Soils

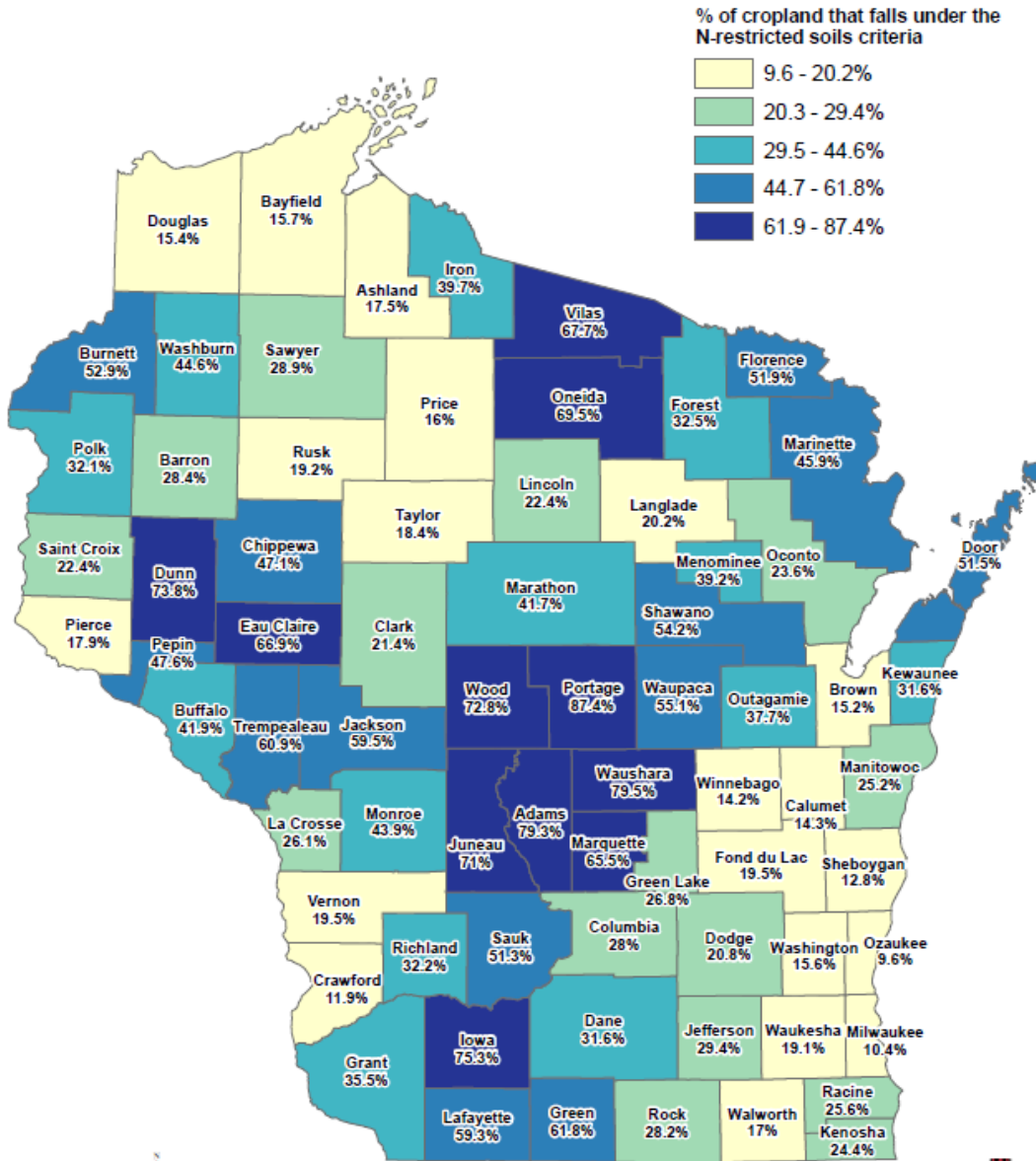
N restrictions late summer/fall:

- "P" high permeability
- (R) <20" bedrock
- (W) wet soils <12" water table
- Shallow Soils <5' to bedrock
- < 1,000' community well



## Percentage of cropland that falls under the N-restricted soils criteria by County

Cropland area derived from 2019 CDL raster dataset. Data was reclassified into two categories either cropland or not based off raster classification. Restricted area was derived from combining Nitrogen Management 590 P, R, W, 5 ft depth to bedrock, and 1000 foot buffer to community wells spatial layer representation into one layer. This layer was used to intersect the derived cropland dataset to create a Nitrogen Restricted Cropland Area



## Statewide

## 590 N-Restricted Soils

"P" Soils – 11%

"R" Soils – 2%

"W" Soils – 13%

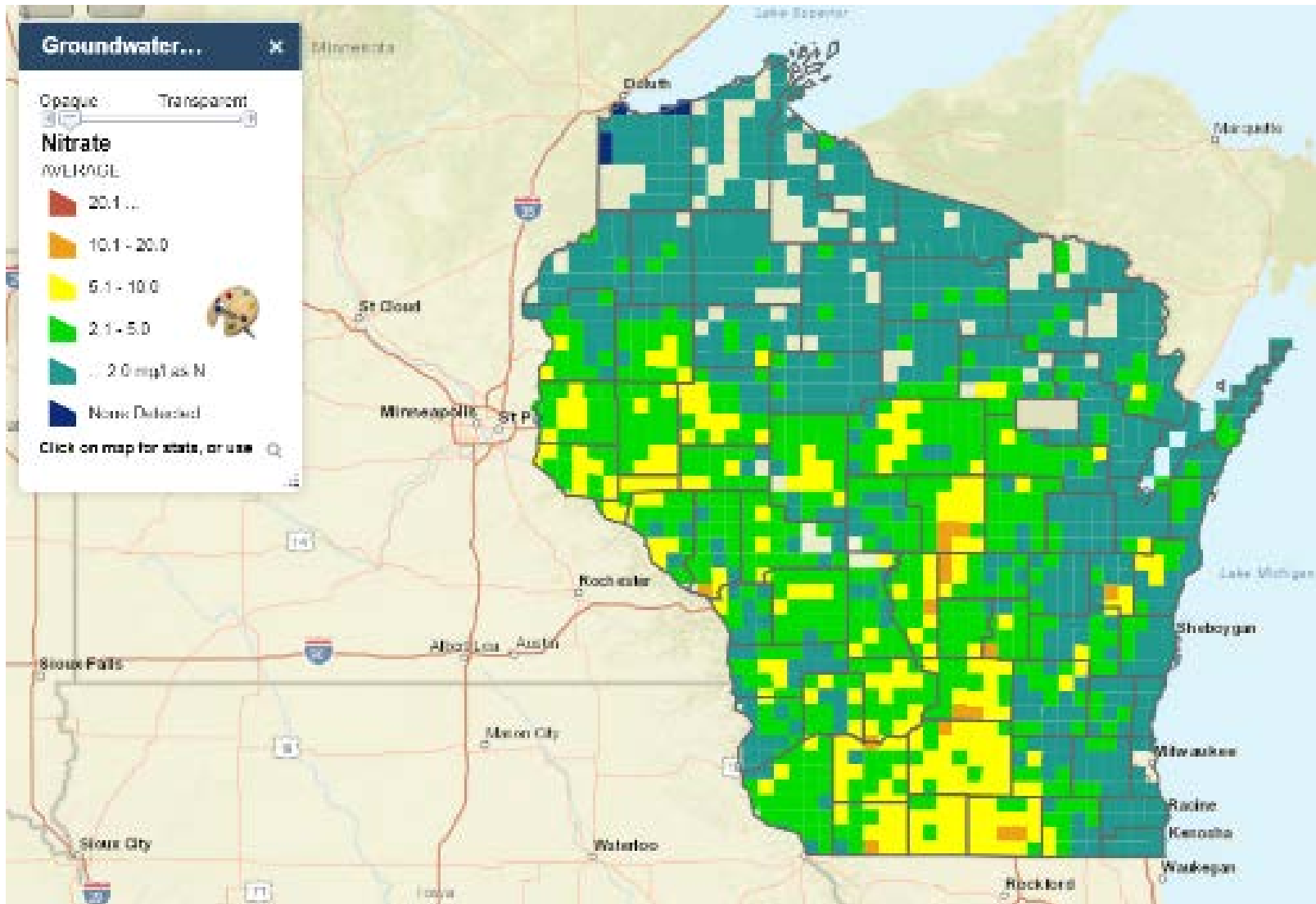
<5' Soils – 15%

**<1,000' well - 0.3%**

TOTAL ~ 40%

**For comparison (<1 mile well – 8.4%)**

# Groundwater Data



# June 25<sup>th</sup> Breakout Feedback

