A photograph of two ducks on a sandy bank next to a body of water. One duck is standing with its wings partially spread, while the other is standing to its right. The water is calm, and the background shows some green vegetation. The text is overlaid on the image.

**Revisions to NR 102  
and  
NR 217  
Phosphorus Water Quality  
Standards**

Russ Rasmussen  
Department of Natural Resources

# NR 102

- Rivers – 100 ug/L



- Streams – 75 ug/l



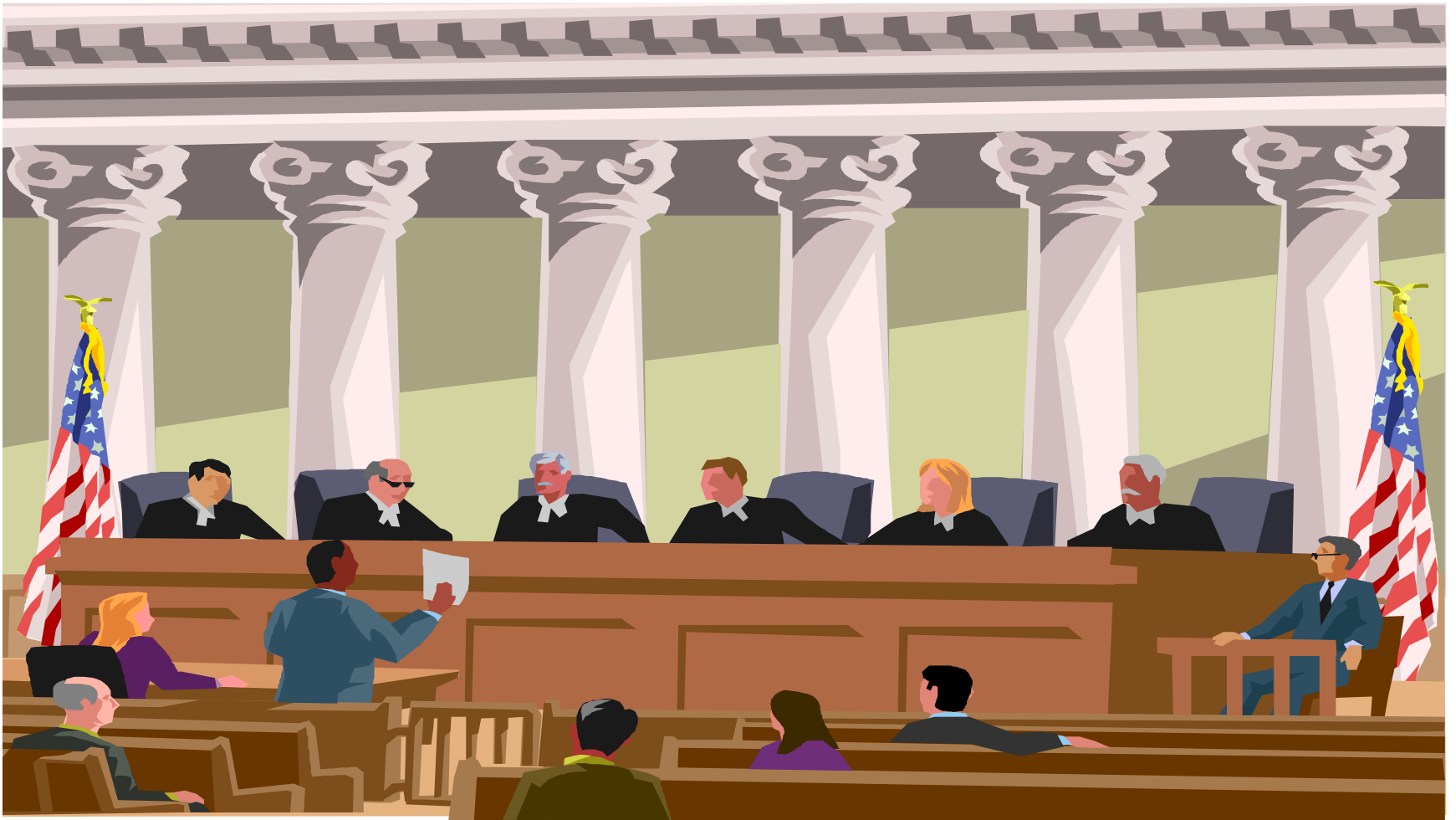
# NR 102

- Lakes –
  - 15 ug/L
- To
- 40 ug/L



# NR 217

## EPA Potential Lawsuit



# NR 217

## Water Quality Based Effluent Limits (WQBELS)



# NR 217

Flexibility

TMDLs



# NR 217

## Flexibility

## Compliance Schedules



# NR 217

## Flexibility Adaptive Management






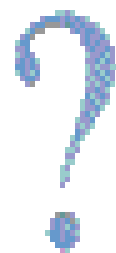
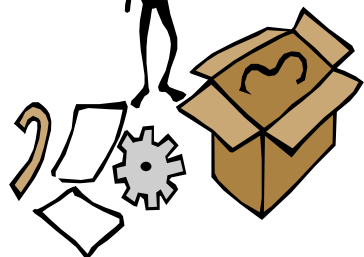
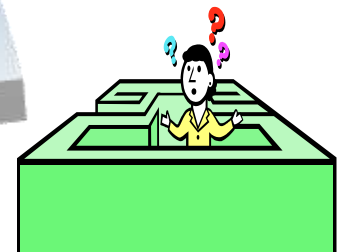
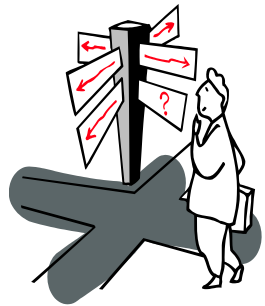
# NR 217

## Flexibility Variances



# Phosphorus Controls

- **Nonpoint Sources – NR 151**
  - **Point Sources – NR 102, NR 217**
  - **Urban Storm Water – NR 216**
  - **CAFOs – NR 243**
  - **Bans**
    - **Lawn Fertilizer**
    - **Dishwasher Detergent**
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