

# RANDOM THOUGHTS...

Environmental Update

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NDEQ

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# Transfers

- ▣ If application site is aligned with anyone listed as an owner with the AFO – it is not a transfer
- ▣ If AFO is applying manure – must have a signed contract stating recipient controls rate and timing
- ▣ No AFO to AFO transfers if app sites are in the NMP's
- ▣ Date, amount, recipient, and provide analysis
- ▣ Responsibilities and liabilities

# Stockpiles

- ▣ Plan the location
- ▣ Be aware of neighbors, wells, and conduits
- ▣ If in doubt – berm it
- ▣ If along the road - berm down gradient side before stockpiling
- ▣ We can make it be moved to a better location if we become aware of a badly located stockpile

# Phosphorus

- ▣ Lbs./acre P<sub>2</sub>O<sub>5</sub> = 4.5 x ppm P
- ▣ Annually review application sites and P-Index
  - Every 5 years
  - Are filter strips in place and in good condition
  - Have terraces or drainage been added
  - Is tillage in use the same as in the NMP and P-Index

# Nitrogen

- ▣ Follow methodology in NMP
- ▣ Examine yield goals per site
- ▣ Use good sampling technique and timing
- ▣ Application timing
- ▣ High Nitrogen levels?
  - Crop variety efficiency
  - Remove residue
  - Double crop and harvest
  - Calibration of manure and commercial applicators
  - document

# Pivot Application

- ▣ You can never have too many acres to apply on
- ▣ Check with NRD's before submitting plans
- ▣ Specific setbacks should be noted
- ▣ A specific management plan for the liquid application should be noted
- ▣ Actual available acres for application, with piping, plumbing, and setbacks should be on a map
- ▣ Phased in construction

# Nutrient Management Plans

- ▣ Narrative approach while being specific to the operation
- ▣ Double check your work before submission
- ▣ Review with the operation and staff