DRAFT RECOMMENDATIONS SENSITIVE AREAS & BEST MANAGEMENT PRACTICES WORK GROUP

TOPICS

- BMP Recommendations
- Direct Conduit Recommendations
- Other Work Group Recommendations
- Future Coordination and Communication

0 – 2 FEET

- No mechanical application (0-1 foot)
- Avoid mechanical application (1-2 feet)
- OR
  - No liquid or fall application
  - Limit solids to 15 tons / year
  - Apply within 10 days of planting or to growing crops

2-3 FEET

- Follow practices for 2 – 20 feet
- Avoid manure application if possible
- OR
  - Pathogen reduction (composting or < 500,000 CFU/ml)
  - 13,500 (for most soils) per week or A2809 / split
  - N inhibitors / cover crops

3-5 FEET

- Practices for 2 - 20 feet
- Avoid manure application, if possible
- OR
  - Limit liquids to 13,500 gallons per week & A2809
  - Liquids use N inhibitor and do not incorporate for 72 hours
  - Solids to A 2809 rates and incorporate in 72 hours
  - Do not inject below 6 inches

5 – 20 FEET

- Practices for 2 – 20 feet
- Limit liquids to 27,000 gallons / week for most soils
- Limit solid to A 2809 and incorporate in 72 hours
- Do not inject below 8 inches

2-20 FEET

- Do not apply when:
  - Rain > 1 inch forecast within 24 hours
  - DATCP MMAS is red
  - In closed depressions in fall after harvest unless injected or fall forage crop
  - Spring/summer – within 100 feet of low area
  - Spring/summer – within 1 mile drainage area unless injected/incorporate in 24 hours
- No emergency spreading

DIRECT CONDUIT PRACTICES

- Inspect fields for depth to bedrock / groundwater conduits, channels, drain tiles
- Mark conduits and drain tile inlets
  - 5 foot vegetative buffer (no till, planting nutrients)
- No application:
  - 1000 feet of public / community wells
  - 250 feet of private potable wells
  - 100 feet direct conduits, channels (300 if frozen)??

OTHER RECOMMENDATIONS

- Increase land application audits
- Fill warden vacancy
- Improve communications to producers on:
  - Winter spreading
  - General and specific BMPs
- Increase site inspections
- Improve communications to public on:
  - Well sampling and results response
  - Well compensation options
- Provide emergency water supplies
  - State
  - County
  - Producers
- Revise Well Compensation Law

COORDINATION AND COMMUNICATION

- Peninsula Pride Farms
- Alternative Practices / Implementation Work Group
- NRCS Watershed Planning Initiative
- Continued County initiatives
- Research Efforts
  - DNR-funded well study
  - County / Township – funded depth to bedrock stud
- Grant Opportunities
  - S. 319 additional funding
  - Great lakes Initiative
  - Great Lakes Protection Fund
  - Traditional state programs (DATCP and DNR)