

## Livestock Facility Study Group Recommendation Updates June 2023

		<b>Stakeholder to Lead Implementation</b>	<b>Implemented</b>	<b>Denied</b>
<b>Rules &amp; Regulations</b>				
<b>Local Control</b>				
<b>1</b>	County board officials need to engage the state legislature on water and air quality regulations and for more local control on these issues.	Green County Board.		The Green County Clerk is not aware of updates on this item.
<b>Planning &amp; Zoning</b>				
<b>2</b>	Review and update the comprehensive plan.	Green County Land Use and Zoning Department.		It does not appear that any major ordinance change was made to the County's Zoning ordinances from the Committee's discussions.
<b>3</b>	Conduct a comprehensive review of county zoning regulations.	Green County Land Use and Zoning Department.		It does not appear that any major ordinance change was made to the County's Zoning ordinances from the Committee's discussions.
<b>4</b>	Use zoning ordinances to create districts that prohibit large livestock facilities in certain areas that are especially vulnerable based on soil type.	Green County Land Use and Zoning Department.		It does not appear that any major ordinance change was made to the County's Zoning ordinances from the Committee's discussions.
<b>Setbacks</b>				
<b>5</b>	Revise county code to modify setback distance to 250 feet for manure storage from private wells and 1,000 feet for public wells.	Green County Land and Water Conservation Department		Leave the setbacks in line with the NRCS standards
<b>6</b>	Revise county code to increase property line setbacks for feedlots over 1,000 animal units.	Green County Land and Water Conservation Department and Green County Land Use and Zoning Department.		Tabled by Land and Water Committee; Zoning Committee has not made any major ordinance change.
<b>7</b>	Review and establish proper setbacks for land spreading manure.	Green County Land and Water Conservation Department.	Education is needed on this. Follow a nutrient management plan	
<b>Permitting &amp; Fees</b>				
<b>8</b>	Only a certain amount of well capacity permitted per square mile to relieve the "straw effect."	Green County Land and Water Conservation Department and Green County Land Use and Zoning Department.		From Land & Water Committee: This recommendation would include all wells in Green County, including cities, villages, and center pivots. This is a good idea, but what is the well threshold?

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9	New manure storage permittee applicants must ensure that sufficient funds will be available for pollution clean-up, nuisance abatement, and proper closure of the manure storage if it is abandoned or otherwise ceases to operate as planned and permitted.	Green County Land and Water Conservation Department.		As per a Green County Land and Water Conservation Committee Meeting on December 6, 2018 minutes show this recommendation was not approved.
10	Revise manure storage ordinance permit fee to have a sliding fee schedule per animal unit, not one set fee for everyone.	Green County Land and Water Conservation Department.	Agree with this recommendation. It should be an animal per animal unit. For cows charge \$10/head. Equating that charge to animal units, would be \$7.14/animal unit	
<b>Operations Ordinance</b>				
11	Create CAFO operations ordinance.	Green County Land and Water Conservation Department.		As per a Green County Land and Water Conservation Committee Meeting on December 6, 2018, minutes show "Not approved. We already have this."
12	Require fall cover crops on fields following corn silage, including sweet corn silage, and soybeans.	Green County Land and Water Conservation Department.	The Land and Water Conservation Department annual report shows they are doing more cover crops each year. They do education on them and have a few field days each year promoting them.	
13	Establish best management practices for odor and noise and require windbreaks around barnyards and storage for new and modified structures.	Green County Land and Water Conservation Department.	This is done on a one on one with the landowner in the planning stage of implementing their project.	
<b>Manure Storage</b>				
14	Require all new or modified manure storage structures to be double-lined (have a liner of clay plus something additional i.e. HDPE, concrete, etc).	Green County Land and Water Conservation Department.		Jenson reviewed this with DATCP and NRCS state engineers. With the new change to the 313 (manure storage standard the double liner is basically met. The recommended not to adopt this recommendation.
15	Increase manure storage for all farms building new or modifying existing manure storage structures for a minimum of 3 months and CAFOs to have a minimum of 1 year storage.	Green County Land and Water Conservation Department.		As per a Green County Land and Water Conservation Committee Meeting on December 6, 2018, minutes show this recommendation was not approved.
<b>Nutrient Management &amp; Application</b>				
16	Require all Green County livestock and crop operations to have an approved Nutrient Management Plan.	Green County Land and Water Conservation Department.		As per a Green County Land and Water Conservation Committee Meeting on December 6, 2018, minutes show this recommendation was not approved.

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<b>17</b>	Conduct more land application hauling audits/oversight in sensitive areas.	Green County Land and Water Conservation Department.		As per a Green County Land and Water Conservation Committee Meeting on November 8, 2018, minutes show this recommendation was not approved.
<b>18</b>	Restrict winter spreading. Encourage winter no-spread and frozen ground manure regulations that restrict January through March manure spreading to reduce nutrient runoff.	Green County Land and Water Conservation Department.		The Committee went from “no” to encourage not to winter spread. January through March doesn’t always fit, sometimes November and December can be frozen as well.
<b>19</b>	Do not incorporate or inject manure greater than 4 inches below the soil surface.	Green County Land and Water Conservation Department.		Remove this recommendation.
<b>20</b>	On soils with less than 12” to bedrock, no manure applications of liquid manure is allowed. Liquid manure is defined as having less than 12% solids content. Avoid mechanical application of manure on these soils and other available acres, OR, if avoidance is not possible, implement at least two of the following mitigation practices: a. No liquid manure applications; b. No fall manure applications; c. Apply only solid manure in spring; d. Limit solid manure application rate to 20 tons/acre/year; e. Apply within 10 days or less from planting date or applying on a growing crop/cover crop treatment; f. Manure treatment.	Green County Land and Water Conservation Department.	As per a Green County Land and Water Conservation Committee meeting on December 6, 2018, minutes show that the recommendation was approved.	
<b>21</b>	Incorporate manure management prohibitions into Green County’s storage ordinance.	Green County Land and Water Conservation Department.	As per a Green County Land and Water Conservation Committee Meeting on November 8, 2018 minutes show this recommendation was approved.	
<b>Roads</b>				
<b>22</b>	Require livestock and crop farmers to be responsible for road damage caused by themselves.	Green County Highway Department and Green County Sheriff’s Department.	Green County Sheriff Department has not noted roads damaged but farmers regularly comply with Sheriff Department requests to clean the road surface during periods where they are tracking mud and manure onto the roads during farming operations.	
<b>Enforcement &amp; Monitoring</b>				
<b>23</b>	If self-monitoring of manure storage has not been done properly, the county should have the right to force the violator to hire county personnel for a fee.	Green County Land and Water Conservation Department.	This recommendation is already covered under current county code	

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<b>Implementation &amp; Staffing</b>			
<b>24</b>	Increase staff in the Green County Land and Water Conservation Department beyond what is already planned.	Green County Land and Water Conservation Department.	As per a Green County Land and Water Conservation Committee Meeting on December 6, 2018 minutes show this recommendation was not approved.
<b>25</b>	Create an environmental health position in the Green County Health Department.	Green County Health Department.	The Environmental Health Specialist position was approved and the position filled in February 2019.