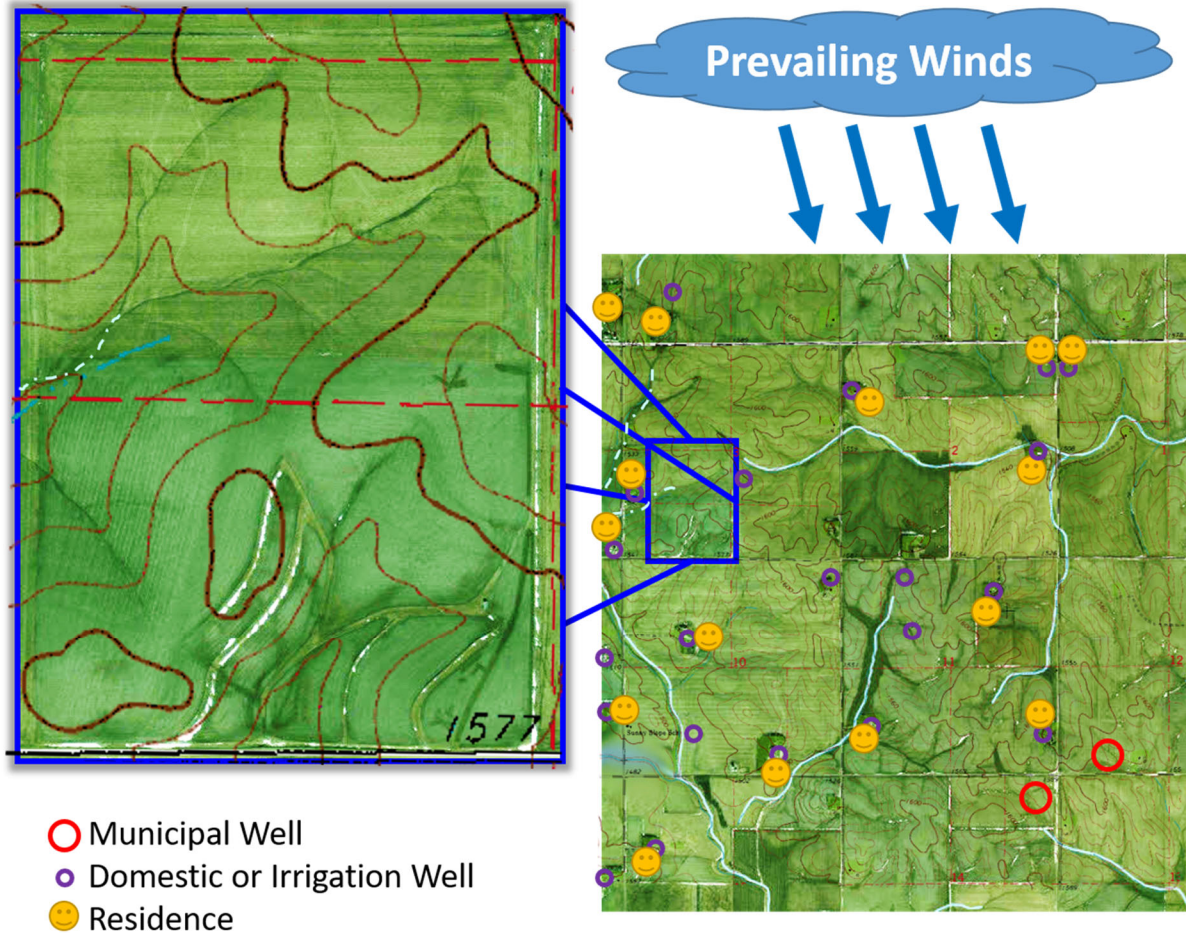


ACTIVITY: Considering Setbacks and Stockpiling

You have been instructed to stockpile manure from the turkey farm on 80 acres of farmland (outlined in yellow). You need to decide where setbacks might be on that field and determine where the best place is to stockpile the manure until the crop has been harvested from the field. Look for any critical water features to avoid and consider prevailing winds that might introduce odors to neighbors.

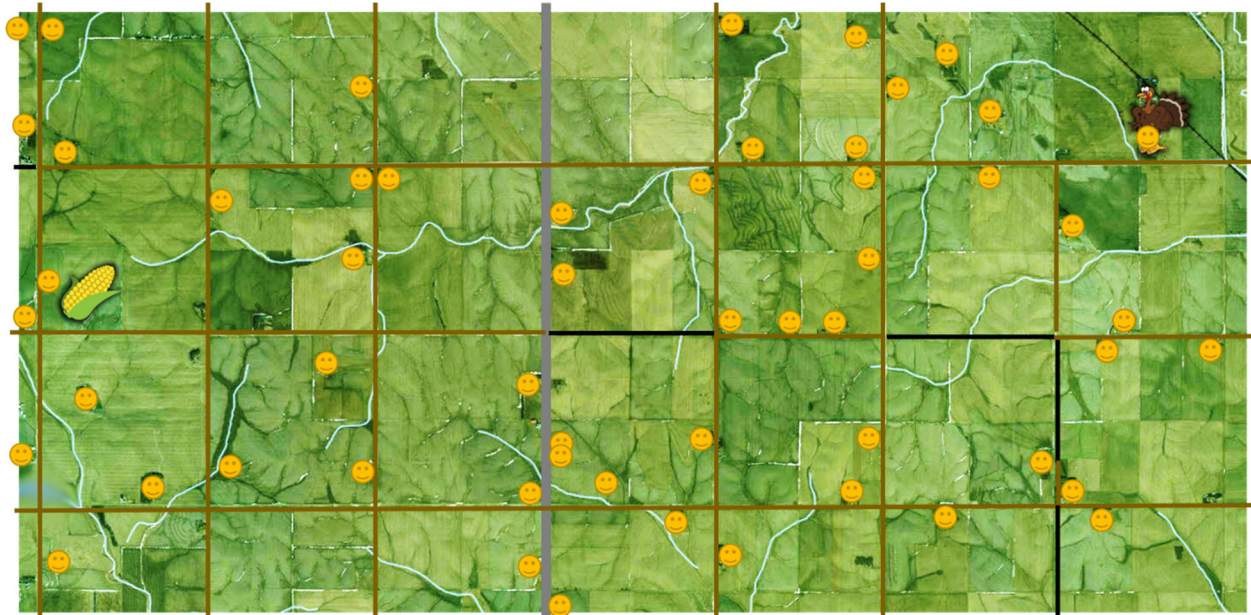


What areas need to be avoided due to setbacks?

Where will you stockpile? Why did you choose this location?

ACTIVITY: Moving Manure

Looking at the map below determine what route your trucks/tractors should take to haul manure from a turkey farm (turkey icon) on 80 acres of farmland (corn icon). Remember to consider tonnages on bridges, potential neighbors influenced, and traffic along the route.



- Highway
- Gravel Road
- Minimum Maintenance Road
- ☺ Residence

What way should trucks/tractors take to the field? Why?

Will you return using the same route? Why or why not?