

Karst Watershed Simulation: Land Lot Tracker

Directions: Answer questions (**yes or no**) as each lot is discussed. On the land lots, arrows represent point sources and dots represent nonpoint sources of water pollution. Gloves drawn around waterways represents protection with either type of water pollution.

Lot # & Label PS means Point Source of Water Pollution All others are possible nonpoint sources.	Karst Feature on Lot / Well on Lot	Is the point source in compliance?	Are Best Management Practices for nonpoint water pollution being followed?
1. Animal Feed Lot PS	Sinkhole / Well		
2. Crop Agriculture	Losing Stream / Well		
3. Crop Agriculture	Sinkhole		
4. Mining Operation PS	Losing Steam / Well		
5. Forest Logging	Losing Stream / Sinkhole		
6. Forest Logging	Spring		
7. Industrial Site PS	Losing Stream / Well		
8. Protected Natural Area	Cave		
9. Cattle Ranch	Losing Stream / Sinkhole		
10. Cattle Ranch	Spring / Well		
11. Rural Area	Sinkhole / Cave		
12. Rural Area	Losing Stream / Sinkhole		
13. Suburban Area	Losing Stream / Sinkhole / Well		
14. Suburban Area	Spring		
15. Commercial Area	Sinkhole / Well		
16. Commercial Area	Losing Stream		
17. Rural Area	Losing Stream / Sinkhole / Well		
18. Wastewater Treatment Plant PS	Losing stream		
19. Electric Power Production PS	None		
20. Protected Natural Area	Cave		

Green gloves around waterways represent trees and vegetation buffering it.

Blue gloves around water ways means point sources are in compliance so the waterway is protected.

Green Arrow – Excessive Nutrients from point source / Red Arrow – Industrial wastewater or thermal pollution / Purple Arrow – Industrial toxins / Gray Arrow – Stormwater runoff not in compliance with permit

Green Dots – excessive nutrients / Brown Dots – sediments / Black Dots – oils, grease, lubricants / Purple Dots – herbicides, pesticides, insecticides, fungicides / Red Dots – household hazard wastes / Yellow Dots – litter