

## Appendix A Environmental Stewardship Assessment: Site Characteristics

Do your land application sites include characteristics that may create a high environmental risk? The goal of this assessment tool is to help you confidentially evaluate environmental issues that relate to characteristics of land application sites. Identify the Field IDs for up to four fields by listing those IDs under each of the three Risk Levels. For each issue listed in the left column of the worksheet, read across to the right and check the statement that best describes conditions for each field listed. If any categories do not apply, leave them blank.

Site Characteristics	High Risk <sup>1</sup>				Moderate Risk <sup>1</sup>				Low Risk <sup>1</sup>			
Field ID	Example: Home 80				Example: Home 80				Example: Home 80			
Slope of soils with • Annual crops • Perennial crops Land Application Sites →	Slopes >10% Slopes >15%				Slopes of 4-10% Slopes of 8-15%				Slopes < 4% Slopes < 8% <b>Your</b>			
Depth to highest seasonal groundwater or fractured or permeable bedrock Land Application Sites →	< 2 ft				2-4 ft				> 4 ft			
Flooding potential Land Application Sites →	> 50 times in 100 years				5-50 times in 100 years				< 5 times in 100 years			
Ponding Land Application Sites →	Soils with high likelihood of ponding				Soils with moderate likelihood of ponding				Soils with low likelihood of ponding			
Tile drainage Land Application Sites →	Site includes field drains tied to groundwater. OR Site includes field drains to surface water. OR Site includes field drains to ditches or grassed waterways connected to surface water, and drainage reaches surface water during low-intensity storms or snow melt.				Site includes field drains to ditches or grassed waterways connected to surface water, and drainage reaches surface water only during high-intensity storms.				Site includes field drains to ditches or grassed waterways, but drainage rarely or never reaches surface water.			
Isolation of application site from wells Land Application Sites →	< 100 ft				100-300 ft, and well is at same or lower elevation than application site.				> 300 ft <b>OR</b> 100-300 ft, and well is at higher elevation than application site.			
Isolation of application site from surface water Land Application Sites →	Land application site borders surface waters with < 50-ft riparian or buffer zone.				Land application site borders surface waters with > 50-ft riparian or buffer zone. OR Land application site is within 1 mile of surface water and connected by channel flow (ditch, waterway, etc.).				Land application site is > 1 mile from surface water.			
Isolation of application site from neighbors Land Application Sites →	< 200 ft				200 ft-1/2 mile				> 1/2 mile			

<sup>1</sup>NRCS Agricultural Waste Management Field Handbook, Chapter 6, 1996 served as a reference for several of the High-, Medium- and Low-Risk values.