

Phase 6 Mapped Land Uses*

Level 1	Level 2	Level 3	Level 4	Notes
1 Developed				
	1.1 Impervious	1.1.1 Roads		(TN load modified by traffic volumes and/or road type; TSS load modified by flow path and stream corridor characteristics)
		1.1.2 Buildings, parking lots, etc.		(TSS load modified by flow path and stream corridor characteristics)
		1.1.3 Tree canopy over impervious		
	1.2 Pervious	1.2.1 Turf		(TSS load modified by flow path and stream corridor characteristics)
		1.2.2 Tree canopy over turf/ herbaceous		(TSS load modified by flow path and stream corridor characteristics)
		1.2.3 Open space		(e.g., landfills, abandoned lots, transmission line right-of-ways, idle/fallow agricultural land and other non-forested, non-turf pervious lands)
1.3 Construction			(e.g., permitted disturbed area; TSS load modified by flow path and stream corridor characteristics)	
2 Agriculture				
	2.1 Commodity crops	2.1.1 Corn	Grain (double cropped vs fall fallow)	
			Silage (double cropped vs fall fallow)	
		2.1.2 Soybeans	Fall fallow	
		Double cropped		
	2.1.3 Small grains	Fall fallow		
		Forage		
		2.2 Hay and Legume forage	2.2.1 Alfalfa and other legumes	
	2.2.2 Non-legume forage			
	2.2.3 Pasture and pastured cropland			
	2.3 Speciality & Other crops	2.3.1 Vines	High vs medium vs low input	
		2.3.2 Low cover	High vs medium vs low input	
		2.3.3 High cover	High vs medium vs low input	
	2.4 Farmsteads		High vs medium vs low input	
		2.4.1 Animal	Impervious	(TSS load modified by flow path and stream corridor characteristics)
			Pervious	(TSS load modified by flow path and stream corridor characteristics)
	2.4.2 Non-animal	Impervious	(TSS load modified by flow path and stream corridor characteristics)	
		Pervious	(TSS load modified by flow path and stream corridor characteristics)	
3 Natural				
	3.1 Forests	3.1.1 Riparian/floodplain		(serves as a modifier of urban and agricultural loads)
		3.1.2 Upland		
		3.1.3 Harvested		(permit data provided by each state)
		3.1.4 Disturbed (insect, fire)		(MODIS derived measure)
	3.2 Wetlands	3.2.1 Tidal emergent		(load will be refined through input from Wetlands expert panel)
		3.2.2 Fresh emergent		(load will be refined through input from Wetlands expert panel)
3.2.3 Palustrine			(loads modified by flow path and/or stream corridor characteristics)	
4 Barren				
	4.1 Extractive (active mines)			
5 Stream corridors				
	5.1 Urban (incl.: buried streams, storm sewer outfalls)			(TSS load modified by stream slope, ratio of channel to floodplain width, impervious cover, and dry weather discharge estimates)
	5.2 Suburban/rural			(TSS load modified by stream slope, ratio of channel to floodplain width, and impervious cover)
6 Water				
	6.1 Water (includes beaches)			
7 Wastewater				
	7.1 Population on Sewer			(additional factors such as proximity to streams and depth to water table may be developed by the Septic Attenuation Expert Panel)
	7.2 Population on Septic			

* Note that Federal property, MS4, and CSS boundaries will be used to further divide the land uses into land use sub-classes.