

New Jersey State
Agriculture Development Committee

Soil Protection Standards





Part 1

Soil Disturbance Limitations

Attachment 1 - SADC Soil Disturbance/Soil Protection Land Uses Chart

	Land Uses	Soil Effects Classifications	Soil Disturbance Limitations	Soil Disturbance Exemptions
SOIL PROTECTION STANDARDS - GENERAL	Cut/fill activities (includes stormwater basins)	Permanent Soil Disturbance ("Red" Category)	Up to 8% of the preserved premises acres or 6 acres, whichever is greater.	All pre-existing and future land uses subject to Soil Disturbance Limitation.
	Permanent buildings/structures			
	Permanent travel lanes			
	Permanent livestock training areas			
	Permanent parking and storage areas/hardscape			
SOIL PROTECTION STANDARDS - BEST MANAGEMENT PRACTICES (BMPs)	Semi-permanent travel lanes	Semi-Permanent Soil Disturbance ("Orange" Category)	Up to 5% of the preserved premises acres if following BMPs; subject to "Red" Category Limitation if not following BMPs.	All pre-existing and future land uses subject to Soil Disturbance Limitation.
	Semi-permanent livestock training areas			
	Semi-permanent parking and storage areas			
	Agricultural water impoundments			
	Soil stockpiles			
	Geotextiles and geomembranes	Temporary Soil Disturbance ("Yellow" Category)	No limitation if following BMPs; subject to "Red" Category Limitation if not following BMPs.	All pre-existing land uses exempted from Soil Disturbance Limitation; all future land uses subject to Soil Disturbance Limitation.
	Temporary structures			
	Temporary travel lanes			
	Temporary livestock training areas			
	Temporary parking and storage areas			
	Ground-mounted solar energy facilities			
SOIL PROTECTION STANDARDS - GENERAL	Cropland and pastureland	Soil Protection ("Green" Category)	No limitation.	All pre-existing and future land uses exempt from Soil Disturbance Limitation.
	Woodland			
	Wetlands and streams			

Attachment 2 - Leading Mid-Atlantic Counties in Market Value of Ag. Sales Sorted by Farmstead Complex Size (2017 Census of Agriculture)

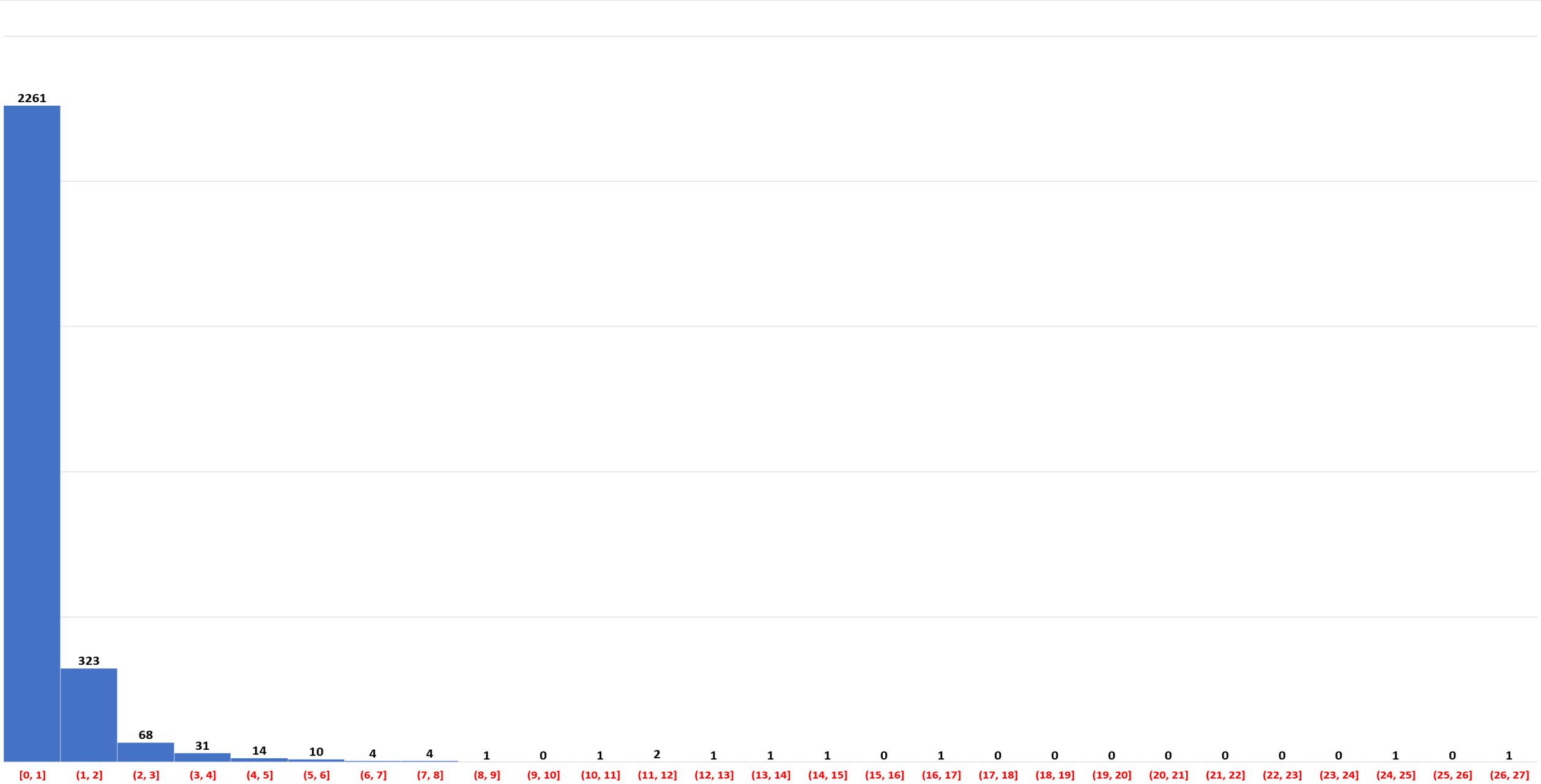
Leading County in Each Mid-Atlantic State for Market Value of Ag. Products Sold	% of Farm Acres in Farmsteads, Buildings, and Roads (Farmstead Complex) ¹	Leading Commodities
Hardy County, West Virginia	3%	Broilers, Layers, Turkeys
Sussex County, Delaware	4%	Broilers, Hogs, Horses/Mules
Caroline County, Maryland	4%	Broilers, Vegetables, Grain
Rockingham County, Virginia	6%	Dairy, Beef, Broilers, Turkeys, Layers
Wyoming County, New York	6%	Dairy, Beef
Lancaster County, Pennsylvania	6%	Dairy, Beef, Broilers, Layers, Hogs, Horses/Mules
Duplin County, North Carolina	7%	Broilers, Turkeys, Hogs
Cumberland County, New Jersey	8%	Nursery/Floriculture, Vegetables
Average Farmstead Complex % of Farm	6%	
¹ Answered by farmers, not USDA staff		

Attachment 3 - North American Industry Classification System

Sorted by Average Farm Acres (2017 Census of Agriculture)

NAICS Code	Number of Farms	Farm Acres	Average Farm Acres	
Sheep and goat farming (1124)	753	14,067	18.68	
Other animal - apiculture, equine, rabbit (1129)	1,943	50,028	25.75	
Poultry and egg production (1123)	286	10,213	35.71	
Hog and pig farming (1122)	58	2,462	42.45	
Greenhouse/nursery/floriculture (1114)	1,540	83,254	54.06	
Aquaculture (1125)	77	5,269	68.43	
Cattle ranching and farming (1121)	792	55,631	70.24	Divide between intensive and less intensive infrastructure (as a % of farm
Other crop farming - hay (1119)	2,143	160,715	75.00	
Vegetable and melon farming (1112)	895	88,106	98.44	
Fruit and tree nut farming (1113)	586	66,500	113.48	
Oilseed and grain farming (1111)	810	197,839	244.25	
Totals/Average	9,883	734,084	74.28	

Attachment 5 - Rowan Geolab Disturbance Statistics - Histogram



Attachment 6 - New Jersey Preserved Land Statistics (2018)
2018-2022 New Jersey Statewide Comprehensive Outdoor Recreation Plan

Agency/Organization	Preserved Acres	Percent of Total
Federal Government	115,100	7.3%
State Government	839,682	53.2%
Local Government	257,134	16.3%
Nonprofit Organizations	68,660	4.4%
Farmland	230,040	14.6%
Pinelands Development Credits	52,194	3.3%
Other	14,229	0.9%
Total	1,577,039	100.0%



Part 2

Best Management Practices

Best Management Practices (BMPs) Discussion Chronology

	Land Uses	Soil Effects Classifications	Jan. 2020 SADC Mtg.	Feb. 2020 SADC Mtg.	Sept. 2020 Subcommittee Mtg.	Oct. 2020 SADC Mtg.	Nov. 2020 Subcommittee Mtg.	Jan. 2021 SADC Mtg.	Feb. 2021 SADC Mtg.
SOIL PROTECTION STANDARDS - BEST MANAGEMENT PRACTICES (BMPs)	Semi-permanent travel lanes	Semi-Permanent Soil Disturbance ("Orange" Category)	1/23/2020		9/22/2020	10/22/2020			2/25/2021
	Semi-permanent livestock training areas				9/22/2020	10/22/2020			2/25/2021
	Semi-permanent parking and storage areas			2/27/2020	9/22/2020		11/24/2020	1/28/2021	2/25/2021
	Agricultural water impoundments						11/24/2020	1/28/2021	2/25/2021
	Soil stockpiles				9/22/2020		11/24/2020	1/28/2021	2/25/2021
	Geotextiles and geomembranes	Temporary Soil Disturbance ("Yellow" Category)	1/23/2020		9/22/2020	10/22/2020			2/25/2021
	Temporary structures			2/27/2020	9/22/2020	10/22/2020			2/25/2021
	Temporary travel lanes		1/23/2020		9/22/2020	10/22/2020			2/25/2021
	Temporary livestock training areas				9/22/2020	10/22/2020			2/25/2021
	Temporary parking and storage areas			2/27/2020	9/22/2020		11/24/2020	1/28/2021	2/25/2021
	Ground-mounted solar energy facilities						11/24/2020	1/28/2021	2/25/2021

Extent of Comments Made by SADC Members on Draft BMPs

Semi-permanent travel lanes - minor comments

Semi-permanent livestock training areas - minor comments

Semi-permanent parking and storage areas - substantive comments

Agricultural water impoundments - no comments

Soil stockpiles - minor comments

Geotextiles and geomembranes - minor comments

Temporary structures - minor comments

Temporary travel lanes - minor comments

Temporary livestock training areas - no comments

Temporary parking and storage areas - substantive comments

Ground-mounted solar energy facilities - no comments