

## **Appendix A**

### **Curve Numbers Based on Land Use and Hydrologic Soil Group**

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Land Use Code	Land Use Label 2015	Land Use Type	TR55 Land Use Classification	TR55 Land Use Type	Hydrologic Soil Group			
					A	B	C	D
1110	Residential, High Density Or Multiple Dwelling	Urban	Residential 1/8 acre or less	eighth of acre or less (town houses) (65% imp.)	77	85	90	92
1120	Residential, Single Unit, Medium Density	Urban	Residential 1/4 acre	fourth of acre (38% imp.)	61	75	83	87
1130	Residential, Single Unit, Low Density	Urban	Residential 1/2 acre	half of acre (25% imp.)	54	70	80	85
1140	Residential, Rural, Single Unit	Urban	Residential 1 acre	1 acre (20% imp.)	51	68	79	84
1200	Commercial/Services	Urban	Commercial	Commercial and business (85% imp.)	89	92	94	95
1300	Industrial	Urban	Industrial	Industrial (72% imp.)	81	88	91	93
1400	Transportation/Communication/Utilities	Urban	Commercial	Commercial and business (85% imp.)	89	92	94	95
1410	Major Roadway	Urban	Paved Areas (no RoW)	Paved parking lots, roofs, driveways, etc. (excluding right of way)	98	98	98	98
1411	Mixed Transportation Corridor Overlap Area	Urban	Paved Areas (no RoW)	Paved parking lots, roofs, driveways, etc. (excluding right of way)	98	98	98	98
1419	Bridge Over Water	Water	Paved Areas (no RoW)	Paved parking lots, roofs, driveways, etc. (excluding right of way)	98	98	98	98
1420	Railroads	Urban	Streets and Roads: Dirt	Dirt (including right-of-way)	72	82	87	89
1440	Airport Facilities	Urban	Fair condition (grass cover 50 to 75%)		49	69	79	84
1461	Wetland Rights-Of-Way	Wetlands	Open Space (good)	Good condition (grass cover >75%)	39	61	74	80
1462	Upland Rights-Of-Way Developed	Urban	Open Space (fair)	Fair condition (grass cover 50 to 75%)	49	69	79	84
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1463	Upland Rights-Of-Way Undeveloped	Urban	Open Space (good)	Good condition (grass cover >75%)	39	61	74	80
1499	Stormwater Basin	Urban	Open Space (good)	Good condition (grass cover >75%)	39	61	74	80
1500	Industrial And Commercial Complexes	Urban	Commercial	Commercial and business (85% imp.)	89	92	94	95
1600	Mixed Urban Or Built-Up Land	Urban	Residential 1/8 acre or less	eighth of acre or less (town houses) (65% imp.)	77	85	90	92
1700	Other Urban Or Built-Up Land	Urban	Open Space (fair)	Fair condition (grass cover 50 to 75%)	49	69	79	84
1710	Cemetery	Urban	Open Space (fair)	Fair condition (grass cover 50 to 75%)	49	69	79	84
1711	Cemetery On Wetland	Wetlands	Open Space (fair)	Fair condition (grass cover 50 to 75%)	49	69	79	84
1750	Managed Wetland In Maintained Lawn Greenspace	Wetlands	Open Space (good)	Good condition (grass cover >75%)	39	61	74	80
1800	Recreational Land	Urban	Open Space (good)	Good condition (grass cover >75%)	39	61	74	80
1804	Athletic Fields (Schools)	Urban	Open Space (fair)	Fair condition (grass cover 50 to 75%)	49	69	79	84
1850	Managed Wetland In Built-Up Maintained Rec Area	Wetlands	Open Space (good)	Good condition (grass cover >75%)	39	61	74	80
2100	Cropland And Pastureland	Agriculture	Cropland (Poor, averaged)	Poor	65	75	82	85
2140	Agricultural Wetlands (Modified)	Wetlands	Pasture, grassland, or range (fair)	Fair	49	69	79	84
2150	Former Agricultural Wetland (Becoming Shrubby, Not Built-Up)	Wetlands	Brush (fair)	Fair	35	56	70	77
2200	Orchards/Vineyards/Nurseries/Horticultural Areas	Agriculture	Commercial	Commercial and business (85% imp.)	89	92	94	95
2400	Other Agriculture	Agriculture	Commercial	Commercial and business (85% imp.)	89	92	94	95
4110	Deciduous Forest (10-50% Crown Closure)	Forest	Woods-Grass combination (good)	Good	32	58	72	79

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4120	Deciduous Forest (>50% Crown Closure)	Forest	Woods (good)	Good	30	55	70	77
4210	Coniferous Forest (10-50% Crown Closure)	Forest	Woods-Grass combination (good)	Good	32	58	72	79
4220	Coniferous Forest (>50% Crown Closure)	Forest	Woods (good)	Good	30	55	70	77
4230	Plantation	Forest	Woods (good)	Good	30	55	70	77
4311	Mixed Forest (>50% Coniferous With 10-50% Crown Closure)	Forest	Woods-Grass combination (good)	Good	32	58	72	79
4312	Mixed Forest (>50% Coniferous With >50% Crown Closure)	Forest	Woods (good)	Good	30	55	70	77
4321	Mixed Forest (>50% Deciduous With 10-50% Crown Closure)	Forest	Woods-Grass combination (good)	Good	32	58	72	79
4322	Mixed Forest (>50% Deciduous With >50% Crown Closure)	Forest	Woods (good)	Good	30	55	70	77
4410	Old Field (< 25% Brush Covered)	Forest	Pasture, grassland, or range (good)	Good	39	61	74	80
4411	Phragmites Dominate Old Field	Forest	Meadow	Good	30	58	71	78
4420	Deciduous Brush/Shrubland	Forest	Brush (good)	Good	30	48	65	73
4430	Coniferous Brush/Shrubland	Forest	Brush (good)	Good	30	48	65	73
4440	Mixed Deciduous/Coniferous Brush/Shrubland	Forest	Brush (good)	Good	30	48	65	73
5100	Streams And Canals	Water	Water		100	100	100	100
5190	Exposed Flats	Wetlands	Pasture, grassland, or range (poor)	Poor	68	79	86	89
5200	Natural Lakes	Water	Water		100	100	100	100
5300	Artificial Lakes	Water	Water		100	100	100	100
5410	Tidal Rivers, Inland Bays, And Other Tidal Waters	Water	Water		100	100	100	100
5412	Tidal Mud Flat	Water	Water		100	100	100	100
6111	Saline Marsh (Low Marsh)	Wetlands	Pasture, grassland, or range (poor)	Poor	68	79	86	89
6112	Saline Marsh (High Marsh)	Wetlands	Pasture, grassland, or range (poor)	Poor	68	79	86	89

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6130	Vegetated Dune Communities	Wetlands	Pasture, grassland, or range (poor)	Poor	68	79	86	89
6141	Phragmites Dominate Coastal Wetlands	Wetlands	Meadow	Good	30	58	71	78
6210	Deciduous Wooded Wetlands	Wetlands	Woods (good)	Good	30	55	70	77
6220	Coniferous Wooded Wetlands	Wetlands	Woods (good)	Good	30	55	70	77
6231	Deciduous Scrub/Shrub Wetlands	Wetlands	Brush (good)	Good	30	48	65	73
6232	Coniferous Scrub/Shrub Wetlands	Wetlands	Brush (good)	Good	30	48	65	73
6233	Mixed Scrub/Shrub Wetlands (Deciduous Dom.)	Wetlands	Brush (good)	Good	30	48	65	73
6234	Mixed Scrub/Shrub Wetlands (Coniferous Dom.)	Wetlands	Brush (good)	Good	30	48	65	73
6240	Herbaceous Wetlands	Wetlands	Meadow	Good	30	58	71	78
6241	Phragmites Dominate Interior Wetlands	Wetlands	Meadow	Good	30	58	71	78
6251	Mixed Wooded Wetlands (Deciduous Dom.)	Wetlands	Woods (good)	Good	30	55	70	77
6252	Mixed Wooded Wetlands (Coniferous Dom.)	Wetlands	Woods (good)	Good	30	55	70	77
7100	Beaches	Barren Land	Natural desert landscaping	Natural desert landscaping (pervious area only)	63	77	85	88
7300	Extractive Mining	Barren Land	Open Space (poor)	Poor condition (grass cover <50%)	68	79	86	89
7400	Altered Lands	Barren Land	Open Space (poor)	Poor condition (grass cover <50%)	68	79	86	89
7430	Disturbed Wetlands (Modified)	Wetlands	Pasture, grassland, or range (poor)	Poor	68	79	86	89
7440	Disturbed Tidal Wetlands	Wetlands	Pasture, grassland, or range (poor)	Poor	68	79	86	89
7500	Transition Areas	Wetlands	Pasture, grassland, or range (poor)	Poor	68	79	86	89