

2013 NRCS- GA Practices Effects on Threatened and Endangered Species (T&E)

NE = “No effect” on T&E species
 NLAA = “May affect but not likely to adversely affect”
 MAA = “May adversely affect” T&E species if present
 BE = Practice may beneficially effect T&E species if present

This table shall be used to assist in making planning decisions regarding threatened and endangered species. Numbers adjacent to Xs correspond to footnotes at the end of the table. In order to determine if the practice is located in an area where T&E species occur, review the GIS T&E data layer located on the office server. The terrestrial locations are buffered locations, and the area of evaluation is only the shaded areas of the shape file. For aquatic species, the planner must consider the areas ½ mile up and down the stream from known locations. Make a visual observation of the area to determine if the species or habitat for the species exists. If the practice occurs in habitat specified for T&E species then further evaluation will be necessary.

Practice Name and Unit	Practice Code	NE	NLAA	MAA	BE
Access Road (ft)	560			X ¹	
Access Control (ac)	472		X ⁰		X ⁴
Agrichemical Handling Facility (no)	309		X ⁰	X ¹ X ²	
Animal Mortality Facility	316		X ⁰	X ²	
Animal Trails & Walkways(ft)	575		X ⁰	X ¹	
Bedding (ac)	310		X ⁰	X ²	
Brush Management (ac)	314			X ¹ X ²	
Closure of Waste Impoundment (no)	360		X ⁰	X ¹ X ³	
Combustion System Improvement	372	X			
Composting Facility (no)	317		X ⁰	X ¹ X ³	
Conservation Cover (ac)	327		X ⁰		X ⁶
Conservation Crop Rotation (ac)	328	X			
Constructed Wetland (ac)	656			X ¹	X ⁴ X ⁶
Contour Buffer Strips (ac)	332		X ⁰		X ⁴ X ⁶
Contour Farming (ac)	330		X ⁰		X ⁴ X ⁶
Contour Orchard	331		X ⁰	X ¹	
Contour Stripcropping (ac)	585		X ⁰		X ⁴ X ⁶
Cover Crop (ac)	340		X ⁰		X ⁴ X ⁶
Critical Area Planting (ac)	342		X ⁰	X ³	X ⁴
Deep Tillage (ac)	324	X			
Dike (ft)	356		X ⁰	X ¹	
Diversion (ft)	362		X ⁰	X ¹	X ⁵
Dry Hydrant (no)	712	X			
Early Successional Habitat Development/Management (ac)	647		X ⁰	X ²	X ⁵ X ⁶
Fence(ft)	382		X ⁰	X ²	
Field Border (ft)	386		X ⁰		X ⁵ X ⁶
Filter Strip (ac)	393		X ⁰		X ⁴

	Practice Code	NE	NLAA	MAA	BE
Firebreak (ft)	394			X ¹	
Fish Raceway or Tank (ft)	398			X ¹	
Fishpond Management (no.)	399		X ⁰	X ² X ³	
Forage and Biomass Planting	512	X			
Forage Harvest Management (ac)	511	X			
Forest Stand Improvement (ac)	666			X ¹ X ²	
Forest Trails & Landings(ac)	655			X ¹	
Grade Stabilization Structure (no)	410			X ¹	X ⁴
Grassed Waterway (ac)	412		X ⁰	X ¹ X ² X ³	
Heavy Use Area Protection (ac)	561		X ⁰	X ² X ³	
Hedgerow Planting (ft)	422		X ⁰	X ¹ X ² X ³	
Herbaceous Weed Control (ac)	315			X ¹ X ²	
Irrigation Reservoir (no & ac-ft)	436		X ⁰	X ¹ X ³	
Irrigation System- Micro-irrigation	441		X ⁰	X ³	
Irrigation System (no and ac) Sprinkler Surface and Subsurface	442		X ⁰	X ³	
Irrigation Surface and Subsurface	443		X ⁰	X ³	
Irrigation Pipeline (ft)	430		X ⁰	X ¹ X ³	
Irrigation Water Management (ac)	449		X ⁰	X ¹ X ³	
Land Smoothing (ac)	466		X ⁰	X ¹	
Lined Waterways or Outlets (ft)	468		X ⁰	X ¹	
Livestock Shade Structure	717	X			
Mulching (ac)	484	X			X ⁴ X ⁵ X ⁶
Nutrient Management (ac)	590		X ⁰	X ³	
Obstruction Removal (ac)	500		X ⁰	X ³	
Pest Management (ac)	595			X ²	X ⁶
Pipeline (ft)	516		X ⁰	X ¹	
Pond (no)	378			X ¹ X ³	
Pond Sealing or Lining (no) A-D	521	X			
Prescribed Burning (ac)	338			X ¹	
Prescribed Grazing (ac)	528		X ⁰	X ²	
Pumping Plant for Water Control (no)	533		X ⁰	X ¹	
Recreation Area Improvement (ac)	562			X ¹	
Recreation Land Grading and Shaping (ac)	566			X ¹	
Recreation Trail and Walkway (ft)	568			X ¹	
Residue Management, No-Till & Strip-Till (ac)	329	X			
Residue Management, Mulch-Till (ac) & Seasonal	344/345	X			
Residue Management, Ridge-Till (ac)	346	X			

	Practice Code	NE	NLAA	MAA	BE
Restoration and Management of Declining Habitats (ac)	643			X ²	X ⁶
Riparian Forest Buffer (ac)	391			X ²	X ⁴ X ⁶
Roof Runoff Management (no.)	558	X			
Seasonal High Tunnel system	798	X			
Sediment Basin (no.)	350		X ⁰	X ¹ X ³	
Shallow Water Management for W/L (ac)	646			X ¹	
Silvopasture Establishment	381			X ¹	
Solid/Liquid Waste Separation Facility	632		X ⁰		
Spring Development (no)	574			X ³	
Streambank and Shoreline Protection (ft)	580			X ¹ X ³	
Stream Channel Stabilization (ft)	584			X ³	
Stream Crossing (no)	578			X ³	X ⁴
Stream Habitat Improvement/Management	395			X ³	
Structure for Water Control (no)	587		X ⁰	X ¹ X ³	
Subsurface Drain (ft)	606		X ⁰	X ¹ X ³	
Surface Drainage field ditch	607		X ⁰	X ¹ X ³	
Surface Drain Main or Lateral	608		X ⁰	X ¹ X ³	
Terrace (ft)	600		X ⁰		X ⁴
Tree/Shrub Establishment (ac)	612		X ⁰	X ¹	X ⁴ X ⁶
Tree/Shrub Pruning (ac)	660	X			
Tree/Shrub Site Preparation	490			X ¹ X ²	
Underground Outlet (ft)	620		X ⁰	X ¹	
Use Exclusion (ac)	472		X ⁰	X ³	
Vegetated Treatment Area	635		X ⁰		
Waste Field Storage (ea)	749	X			
Waste Storage Facility (no)	313		X ⁰	X ¹ X ³	
Waste Treatment Lagoon (no)	359		X ⁰	X ¹ X ³	
Waste Utilization (ac)	633		X ⁰	X ¹	
Waste Transfer	634		X ⁰		
Watering Facility	614	X			
Water and Sediment Control Basin (no)	638		X ⁰	X ¹	
Well (no)	642		X ⁰	X ¹ X ³	
Well and Water Testing (no)	355	X			
Well Decommissioning (no)	351	X			
Wetland Creation (ac)	658			X ¹ X ³	X ⁴
Wetland Enhancement (ac)	659			X ¹	
Wetland Restoration (ac)	657			X ¹	
Wetland W/L Habitat Management (ac)	644			X ¹ X ³	
Wildlife Upland Habitat Management (ac)	645			X ²	X ⁵ X ⁶

Windbreak/shelterbelt Establishment	380		X⁰		
Windbreak/Shelterbelt Renovation	650		X⁰		

X - Practice will have “no effect” on federally threatened and endangered species.

X⁰ – Practice “may affect but not likely to adversely affect” (NLAA) threatened and endangered species **WHEN:**

- Planned for:
 1. cropland already or recently producing an agricultural commodity.
 2. existing confined animal operations
 3. existing orchards, nurseries and groves
 4. actively managed pastureland, or hayland planted to introduced forage species
 5. mines
 6. nutrient management and waste utilization following practice standard setback from water bodies, streams and wetlands.
 7. managing farm ponds for fish production
 8. stack house (313) built in an existing cleared area
- Land already developed for commercial or residential purposes
- Repair of recently damaged existing facilities /structures;
- Facilities used in an agricultural operation that meet NRCS practice standards.

NOTE: For irrigation water conservation practices for the specific HUC 12 watersheds in the lower Flint River, a determination of **NLAA** , **X⁰** is still applicable but the specific water conservation technique and the location will be reported to the USFWS. Therefore, using the CPA 52b, **complete ONLY the following parts of the form:** County, Date, Evaluator, Program, Proposed Construction Date, Latitude, Longitude, Planned Practice, Extent and Email to State Biologist.

AND the following are included and/or followed in applicable plans:

Red-cockaded woodpecker: Activities within an active RCW cluster (cluster includes all active cavity trees and 200 ft. buffer surrounding these trees) are prohibited during the breeding season (April 1 – July 31). Outside nesting season, limit activities to daylight hours and avoid activities within at least 2 hours of dawn and dusk. Prohibit the use of heavy equipment which may cause ground compaction and damage to tree roots. Prescribe burning is allowed during the breeding season. Rake around cavity trees to protect from fire.

Flatwoods Salamander: Establish and maintain a 1500 ft undisturbed buffer between ground disturbance practice “footprint” and known Flatwoods Salamander ponds. Prescribe burning is exempt, but fire line construction meet the 1500 ft buffer.

Gopher Tortoise: If there are gopher tortoise burrows where a tortoise could be buried or trapped and injured during project activities (such as earth moving, permanent structure placement, plowing below 6 inches), then maintain a 25 ft buffer around the entrance to the burrow(s) OR the burrow(s) must be evacuated prior to site manipulation in the vicinity.

Indigo Snake: If there are gopher tortoise burrows where a snake could be buried or trapped and injured during project activities (such as earth moving, permanent structure placement, plowing below 6 inches), then maintain a 25 ft buffer around the entrance to the burrow(s) OR the burrow(s) must be evacuated prior to site manipulation in the vicinity.

Threatened and Endangered Fish and Mussels: When applying herbicides near streams, creeks or rivers that have protected species or the water courses that are designated as critical habitat, then a buffer must be applied between the herbicide application and the stream course. The buffer will be at least 50 ft plus an additional 2 feet for every one percent slope. For example: for an area with 5% slope, the buffer will be 60 feet.

If the practice does not fall under the above conditions, then it will be considered as a positive or negative effect as described below:

X¹ - When a land use conservation or vegetation change is planned, the placement and /or timing of earthmoving, tree removal, land clearing or removal of vegetation (e.g. firebreaks) ground disturbance, construction, tillage, prescribe fire, and /or water management and the potential off-site or indirect effects associated with these practices may adversely affect threatened or endangered species. Contact NRCS state biologist for assistance when a threatened or endangered species is identified or thought to possibly exist in or near the project area and one of the aforementioned conditions apply.

X² – Herbicide/Pesticide application or chemicals used as part of this practice may adversely affect threatened and endangered species if present. Further investigation is required, Contact NRCS State Biologist for assistance when a threatened or endangered species is identified or thought to possibly exist in or adjacent to the project area.

X³ – Practices proximal to or within streams, natural ponds, wetlands, wetland restoration, wetland enhancement, wetland creation, lakes, contact the NRCS State Biologist for assistance when a threatened or endangered species or critical habitat is identified or thought to possibly exist or impacted in or adjacent to the project area.

X⁴ Practice will have a beneficial effect if installed on existing cropland or grassed land adjacent to or on a stream or wetland with known aquatic threatened or endangered species.

X⁵ Practice will have a beneficial effect when installed on land “recently” in agricultural production and the native ecological community for the site is to be restored.

X⁶ Practice will have a beneficial effect when installed for native vegetation restoration and /or management.