**MISSISSIPPI NRCS CONSERVATION PRACTICE EFFECTS ON THREATENED, ENDANGERED, AND CANDIDATE SPECIES**

**Updated November 21, 2019**

Through collaboration with the U.S. Fish and Wildlife Service (FWS), this programmatic consultation has been developed for Federally-listed and candidate species that could be encountered during Natural Resources Conservation Service (NRCS) planning and other non-project activities. This document identifies the potential effect of all conservation practices utilized in Mississippi by the NRCS in habitats identified as potentially occupied by Federally-listed or candidate species.

## Effects Determination

NRCS, through collaboration with the FWS, has determined that the conservation practices listed below in the consultation matrix will have no effect on nine federally listed or candidate species and their critical habitats because these practices are not used in areas where the following species or critical habitat occur: interior least tern, red knot, piping plover, Eastern black rail, green sea turtle, Kemp's ridley sea turtle, leatherback sea turtle, loggerhead sea turtle, and West Indian manatee. Therefore, these species are not included in the matrix.

Installation and/or management of conservation practices "may affect, but are not likely to adversely affect" the wood stork, a threatened species that can be found in Mississippi during the non-breeding season. Based on the fact that non-breeding adults would be expected to avoid the project area during construction, it is unlikely that this species would be adversely impacted by the conservation actions.

In addition, the Louisiana black bear was removed from the Lists of Threatened and Endangered Wildlife under the Endangered Species Act on March 10, 2016 due to recovery. Although no longer federally protected, the black bear remains protected under Mississippi statutes. Therefore, we have added the black bear and recommended minimization measures to the matrix.

As part of the determination process, NRCS staff will have a FWS-provided list of threatened and endangered species by county, an ESRI compatible GIS file that contains listed species by 12-digit Hydrologic Unit Code (HUC), and habitat descriptions for each species. A determination of "no effect" may be made for a practice when it is implemented in a county or 12-digit HUC lacking listed species or at a site that is not within or adjacent to any listed species habitat or upstream of aquatic listed species. When a practice would be implemented within or adjacent to any listed species habitat or upstream of aquatic listed species, NRCS staff should use information in the following matrix to assist with their determination.

All listed conservation practices conforming to the Environmental Quality Incentives Program, Conservation Stewardship Program, Agricultural Conservation Easement Program (including compatible use authorizations), Healthy Forests Reserve Program, and the Regional Conservation Partnership Program standards are covered by this programmatic consultation. NRCS should consult with FWS on a case-by-case basis when practices will not conform to the prescribed standards.

Please note that the FWS provided a biological opinion and conference report/opinion in 2012 that evaluated the adverse, benign, and beneficial effects and consequences of NRCS's Working Lands for Wildlife Program for the gopher tortoise (WLFW-GT). Therefore, that biological opinion (and any future revisions) and the effects determinations for the conservation practices identified with the WLFW-GT supersede those listed in this programmatic consultation for gopher tortoise when those practices are implemented for the overall conservation and restoration of gopher tortoise habitat.

**Matrix Description**

This matrix presents all conservation practices considered during the programmatic consultation (ordered numerically) and the potential affects (if any) to federally listed species and any minimization criteria needed for each practice to avoid potential adverse effects to listed species. The matrix lumps species together based on habitat similarities or when a minimization criterion is the same for numerous species. See Table 1.

If a conservation practice has a "---" in the sub-column under a species column list, then NRCS and FWS have determined this practice will have no effect on this species or that the practice will be completely beneficial to the species. If a sub-column has a criteria symbol, then NRCS will need to adopt one or more (as needed) of the protective measures described under the criteria symbol below or contact the NRCS area and/or state biologist point of contact (POC) if the practice will adversely impact suitable habitat. The NRCS POC will coordinate with FWS before a final effect's determination is made. Note that coordinating with the FWS does not necessarily mean the practice cannot be installed; in fact, additional review and documentation with the FWS may be sufficient.

Table 1. Species identified by columns in the matrix are as follows.

| Column Name | Species | Criteria Symbol |
|---|---|---|
| Aquatic Species | Alabama moccasinshell, Alabama red-bellied turtle, Bayou darter, Black clubshell, Cumberlandian combshell, Fat pocketbook, Gulf sturgeon, Heavy pigtoe, Inflated heelsplitter, Louisiana quillwort, Orange-nacre mucket, Ovate clubshell, Oyster mussel, Pallid sturgeon, Pearl darter, Rabbitsfoot, Ringed map turtle, Sheepsnose, Slabside pearlymussel, Snail darter, Snuffbox, Southern clubshell, Southern combshell, and Yellow-blotched map turtle | AQ1,AQ2, AQ3 |
| Birds | Mississippi sandhill crane | MSC |
| | Red-cockaded woodpecker | RCW |
| Insects | Mitchell's satyr butterfly | MSB |
| Longleaf Pine Herpetofauna | Black pinesnake | BPS |
| | Dusky gopher frog | DGF |
| | Gopher tortoise | GT1,GT2 |
| Mammals | Gray, Indiana, and Northern long-eared bats | Bat1,Bat2,Bat3 |
| | Louisiana black bear | LBB |
| Plants | Pondberry | PondB |
| | Price's potato bean | PPB |
| | White fringeless orchard | WFO |
| | Whorled sunflower | WSF |

*Avoidance/Minimization Criteria*

AQ1 – Contact NRCS POC if installation and/or management of conservation practice will occur within 50 feet of a stream within a 12-digit HUC containing aquatic listed species, and one or more, as needed, of the following protective measures cannot be implemented. Protective measures when working near suitable habitat for listed aquatic species includes: no mechanized clearing within 50 feet of streams; installing BMP's such as vegetated buffers to prevent erosion and sedimentation into streams; fencing livestock out of streams; and minimizing stream crossings associated with forest trails and landings Conservation Practice Code (P.C.) 655.

AQ2 – Contact NRCS POC if instream work (e.g. snagging, channel realignment, bank armoring, dams, bridge pilings, culverts) is proposed within a 12-digit HUC with listed aquatic species. Protective measures include using appropriate BMP's to prevent erosion and sedimentation into streams; designing stream crossings to ensure that the natural flow and hydrology of the stream is maintained year-round; and preventing barriers to fish and other aquatic organism passage associated with instream work.

AQ3 – Contact NRCS POC if pesticides will be used within 100 feet of a stream (or 200 feet for aerial pesticide applications) within a 12-digit HUC containing aquatic listed species, and one or more, if needed, of the following protective measures cannot be implemented. Protective measures include using spot treatment techniques (e.g. hack and squirt, basal bark, cut stump and direct foliar spray), using selective herbicides that maintain native grasses, avoiding pesticide drift into non targeted area by not spraying when wind speeds are over 10 mph, and avoiding runoff into non-target streams by applying during dry weather when rainfall is not expected within 24 hours. WINPEST evaluations will be conducted to identify measures to prevent polluting surface and ground waters or affecting non-target species.

Bat1 – No tree removal (i.e., trees over 3 inch diameter at breast height) during the summer roosting season (i.e. April 15-August 31) for projects within 150 feet of a known NLEB summer roost site. No tree removal during the summer roosting season for all projects within the IBAT summer roosting range of MS. See the GIS HUC file for 12-digit HUCs with known NLEB roosts or the IBAT summer roosting range. Contact NRCS POC if trees must be removed during the summer roosting season.

Bat2 – Include bat mitigation efforts (bat gates) for the closing of natural caves and/or abandoned mines that have evidence of bat use. Avoid disturbance (e.g. use of machinery, building of roads, and application of pesticides) of foraging areas near known bat caves by adhering to an activity buffer distance of 200 foot radius from the cave entrance. Maintain snags within ½ mile radius of cave entrances. See the GIS HUC file for 12-digit HUCs with known IBAT/NLEB caves. P.C. 500 should avoid impacts to bats hibernating or roosting in old buildings.

Bat3 – Conduct prescribed burns and application of pesticides outside of the summer roosting season (i.e., April 15-August 31) for projects within 2.5 miles of a known IBAT summer roost site or within 150 feet of a known NLEB summer roost site. See the GIS HUC file for 12-digit HUCs with known roosts. Spot treatment is preferred over aerial application.

BPS – Contact NRCS POC if longleaf pine forests will be permanently converted or degraded by any means (e.g. clearing, flooding, stump removal) within a 12-digit HUC known or potentially occupied by black pinesnakes. Forest stand improvements and other practices designed to improve longleaf forest conditions are acceptable (e.g. burning, thinning, herbicides).

DGF – Contact NRCS POC if installation and/or management of conservation practice will adversely impact ephemeral ponds and adjacent upland longleaf pine habitat within a 12-digit HUC containing dusky gopher frog critical habitat and one or more, as needed, of the following protective measures cannot be implemented. Protective measures include no clearing, draining, ditching, creation of firebreaks, non-selective herbicide use, and/or land mechanical treatment within 50 feet of ephemeral ponds. Adjacent longleaf pine habitat should not be permanently converted or degraded by any means (e.g. clearing, flooding, stump removal); however, forest stand improvements and other practices designed to improve longleaf forest conditions are acceptable (e.g. burning, thinning, herbicides).

GT1 – Heavy equipment (including mowers) will stay at least 4 meters (13 feet) from known gopher tortoise burrows. Contact POC if assistance is needed to conduct gopher tortoise surveys. This applies to all practices where heavy equipment is used. Heavy equipment is defined as agricultural tractors, crawler loaders, crawler dozer, backhoe/loader, front end loader, scraper pan, motor grader, skid steer, forklift (P.I.T.), hydraulic excavator, and specialty tracked equipment. Felling of trees and brush, cutting by hand, hack and squirt, backpack application, or use of herbicide pellets is allowed within this buffer.

GT2 – Fencing should be installed so as to allow for the safe passage of gopher tortoises. When fencing for small ruminants (e.g., goats), avoid fencing in tortoise burrows.

LBB – Actual, candidate, or potential den trees (any tree with DBH $\geq$ 36 inches), regardless of the species or proximity to water, should not be removed or damaged during practice installation or maintenance. Heavy equipment should maintain a minimum 50 foot buffer from the trunk or a 10 foot buffer around the tree starting from the farthest extent of its canopy, whichever is greater.

MSB – Contact NRCS POC if installation and/or management of conservation practice will occur within 50 feet of herbaceous-shrub wetlands (typically influenced by beaver activities) within a 12-digit HUC containing potential Mitchell's satyr butterfly habitat, and one or more, as needed, of the following protective measures cannot be implemented. Protective measures include no clearing, filling, permanent inundation, or insecticide use within herbaceous shrub wetlands and adopting BMP's such as vegetated buffers to prevent sedimentation into wetlands.

MSC – Contact NRCS POC if installation and/or management of conservation practice will affect MS Sandhill Crane behavior (e.g. nesting, roosting, foraging) and/or adversely alter fire-maintained pine savannah habitat within a 12-digit HUC containing potential MSC habitat (generally south of Latimer, Vancleave, and Helena, MS). Forest stand improvements and other practices designed to improve pine savannah conditions are acceptable (e.g. burning, thinning, herbicides).

PondB – Contact NRCS POC if installation and/or management of conservation practice will permanently convert (e.g. clearing, filling, permanent inundation) bottomland hardwood forest habitat within a 12-digit HUC containing potential pondberry habitat. Forest stand improvements and other practices designed to improve bottomland hardwood forest conditions are acceptable (i.e. WRP hardwood thinning of <20 year old planted stands) within potential suitable pondberry habitat where populations are not currently present.

PPB – Contact NRCS POC if installation and/or management of conservation practice will adversely affect (i.e. clear, thin, land mechanical treatment, herbicide use) suitable Price's potato bean habitat (i.e. forest openings in mixed hardwood stands on slopes or bluffs of alkaline soils that grade into creek or stream bottoms) within a 12-digit HUC containing potential PPB habitat. Kudzu control using herbicides or mechanical treatment is acceptable (beneficial effect) within potential suitable PPB habitat where populations are not currently present.

RCW – Contact NRCS POC if installation and/or management of conservation practice will convert, remove, damage, or degrade foraging habitat (i.e. southern yellow pine tree species greater than or equal to 10 inch DBH in a pine-dominated stand) or potential cavity trees ( i.e. pine trees 60 years old or older) within 0.5 mile of an active cluster. See GIS HUC file for 12-digit HUCs with known or potential RCW clusters.

WFO – Contact NRCS POC if installation and/or management of conservation practice will permanently remove suitable white fringeless orchid habitat (i.e., spring heads, pools, and runs; and wet, boggy areas at the heads of streams and on sloping areas moist by groundwater seeping to the surface) in a 12-digit HUC containing WFO.

WSF - Contact NRCS POC if installation and/or management of conservation practice will permanently remove suitable whorled sunflower habitat (i.e. moist soils in open, grassy areas, such as wet prairies, road and utility rights-of-way, and along margins of agricultural fields, with little to no overstory canopy, often associated with floodplains of small streams) in a 12-digit HUC containing WSF.

Table 2. NRCS Conservation Practice Effects on Federally Threatened & Endangered Species

| Code | Conservation Practice | Aquatic Species (21) | Birds (2) | Insects (1) | Longleaf Herps (3) | Mammals (4) | Plants (3) |
|---|---|---|---|---|---|---|---|
| 201 | Edge of Field Water Quality Monitoring – Data Collection and Evaluation | --- | --- | --- | --- | --- | --- |
| 202 | Edge of Field Water Quality Monitoring – System Installation | AQ1 | --- | --- | GT1 | --- | PPB PONDB WSF |
| 216 | Soil Testing | --- | --- | --- | --- | --- | --- |
| 309 | Agrichemical Handling Facility | AQ1 | --- | --- | --- | --- | --- |
| 310 | Bedding | AQ1 | MSC | MSB | GT1 BPS DGF | | PPB PondB WFO WSF |
| 313 | Waste Storage Facility | AQ1 | --- | --- | GT1 | --- | --- |
| 314 | Brush Management | AQ1 AQ3 | --- | MSB | GT1 BPS DGF | --- | PPB PondB WFO WSF |
| 315 | Herbaceous Weed Control | AQ1 AQ3 | --- | MSB | GT1 BPS DGF | --- | PPB PondB WFO WSF |
| 316 | Animal Mortality Facility | AQ1 | --- | --- | GT1 | --- | --- |
| 317 | Composting Facility | AQ1 | --- | --- | GT1 | --- | --- |
| 319 | On-Farm Secondary Containment Facility | AQ1 | --- | --- | GT1 | --- | --- |
| 320 | Irrigation Canal or Lateral | AQ1 AQ2 | --- | --- | --- | --- | PondB |
| 324 | Deep Tillage | AQ1 | --- | --- | GT1 | --- | --- |
| 325 | High Tunnel System | AQ1 | --- | --- | GT1 | --- | --- |
| 326 | Clearing and Snagging | AQ1 AQ2 | --- | --- | --- | --- | WFO WSF |
| 327 | Conservation Cover | --- | --- | --- | GT1 | --- | --- |
| 328 | Conservation Crop Rotation | --- | --- | --- | --- | --- | --- |
| 329 | Residue and Tillage Management, No-Till/Strip Till/Direct Seed (Farm only) | --- | --- | --- | --- | --- | --- |
| 330 | Contour Farming | --- | --- | --- | --- | --- | --- |

| Code | Conservation Practice | Aquatic Species (21) | Birds (2) | Insects (1) | Longleaf Herps (3) | Mammals (4) | Plants (3) |
|---|---|---|---|---|---|---|---|
| 331 | Contour Orchard and Other Perennial Crops | --- | --- | --- | --- | --- | --- |
| 332 | Contour Buffer Strips | --- | --- | --- | --- | --- | --- |
| 333 | Amending Soil Properties with Gypsum Products | AQ1 | --- | --- | --- | --- | --- |
| 338 | Prescribed Burning | --- | --- | --- | --- | Bat3 | --- |
| 340 | Cover Crop | --- | --- | --- | --- | --- | --- |
| 342 | Critical Area Planting | AQ1 | --- | --- | GT1 | --- | PPB WSF |
| 345 | Residue and Tillage Management, Reduced Till | --- | --- | --- | --- | --- | --- |
| 348 | Dam, Diversion | AQ1 AQ2 | --- | --- | --- | --- | PondB |
| 350 | Sediment Basin | AQ1 | --- | --- | GT1 | --- | PPB WFO WSF |
| 351 | Well Decommissioning | --- | --- | --- | --- | --- | --- |
| 356 | Dike | AQ1 | --- | --- | --- | --- | PondB |
| 359 | Waste Treatment Lagoon | AQ1 | --- | --- | GT1 | --- | --- |
| 360 | Waste Facility Closure | --- | --- | --- | --- | --- | --- |
| 362 | Diversion | AQ1 | --- | --- | --- | --- | PondB |
| 368 | Emergency Animal Mortality Management | AQ1 | --- | --- | GT1 | --- | --- |
| 378 | Pond | AQ1 AQ2 | --- | --- | GT1 DGF | Bat1 | PondB WFO WSF |
| 381 | Silvopasture Establishment | --- | MSC | --- | GT1 BPS DGF | --- | --- |
| 382 | Fence | --- | --- | --- | GT1 GT2 | --- | --- |
| 383 | Fuel Break | AQ1 | --- | --- | GT1 DGF | Bat1 | --- |
| 386 | Field Border | --- | --- | --- | GT1 | --- | --- |
| 388 | Irrigation Field Ditch | AQ1 AQ2 | --- | --- | --- | --- | PondB |
| 390 | Riparian Herbaceous Cover | --- | --- | --- | --- | --- | --- |
| 391 | Riparian Forest Buffer | --- | --- | --- | --- | --- | --- |
| 393 | Filter Strip | --- | --- | --- | --- | --- | --- |

| Code | Conservation Practice | Aquatic Species (21) | Birds (2) | Insects (1) | Longleaf Herps (3) | Mammals (4) | Plants (3) |
|---|---|---|---|---|---|---|---|
| 394 | Firebreak | AQ1 | --- | --- | GT1 DGF | Bat1 | --- |
| 395 | Stream Habitat Improvement and Management | AQ1 AQ2 | --- | --- | --- | --- | WFO WSF |
| 396 | Aquatic Organism Passage | AQ1 AQ2 | --- | --- | --- | --- | WFO WSF |
| 397 | Aquaculture Ponds | AQ1 | MSC | --- | DGF | Bat1 | PondB WFO WSF |
| 399 | Fishpond Management | AQ3 | --- | --- | --- | --- | --- |
| 402 | Dam | AQ1 AQ2 | --- | MSB | --- | --- | PPB PondB WFO WSF |
| 410 | Grade Stabilization Structure | AQ1 | --- | --- | GT1 | --- | PPB PondB |
| 412 | Grassed Waterway | --- | --- | --- | --- | --- | --- |
| 420 | Wildlife Plantings | --- | --- | --- | GT1 | --- | --- |
| 422 | Hedgerow Planting | --- | --- | --- | GT1 | --- | --- |
| 428 | Irrigation Ditch Lining | AQ1 AQ2 | --- | --- | --- | --- | --- |
| 430 | Irrigation Pipeline | AQ1 AQ2 | --- | --- | --- | --- | PondB |
| 432 | Dry Hydrant | AQ1 | MSC | --- | GT1 DGF | --- | WFO WSF |
| 436 | Irrigation Reservoir | AQ1 | --- | --- | --- | Bat1 | PondB |
| 441 | Irrigation System, Microirrigation | AQ1 | --- | --- | --- | --- | --- |
| 442 | Sprinkler System | AQ1 | --- | --- | --- | --- | --- |
| 443 | Irrigation System, Surface and Subsurface | AQ1 | --- | --- | --- | --- | --- |
| 447 | Irrigation System, Tailwater Recovery | AQ1 | --- | --- | --- | Bat1 LBB | PondB |
| 449 | Irrigation Water Management | --- | --- | --- | --- | --- | --- |
| 450 | Anionic Polyacrylamide (PAM) Application | AQ1 | --- | --- | --- | --- | --- |
| 460 | Land Clearing | AQ1 | MSC RCW | MSB | GT1 BPS DGF | Bat1 LBB | PPB PondB WFO WSF |
| 462 | Precision Land Forming | AQ1 | --- | --- | --- | --- | PondB |
| 464 | Irrigation Land Leveling | AQ1 | --- | --- | --- | --- | PondB |

| Code | Conservation Practice | Aquatic Species (21) | Birds (2) | Insects (1) | Longleaf Herps (3) | Mammals (4) | Plants (3) |
|---|---|---|---|---|---|---|---|
| 466 | Land Smoothing | AQ1 | --- | --- | GT1 | --- | PondB |
| 468 | Lined Waterway or Outlet | AQ1 AQ2 | --- | --- | --- | --- | --- |
| 472 | Access Control | --- | --- | --- | GT1 | Bat2 | --- |
| 484 | Mulching | AQ1 | --- | --- | --- | --- | --- |
| 490 | Tree/Shrub Site Preparation | AQ1 AQ3 | MSC | --- | GT1 BPS DGF | --- | PPB PondB WFO WSF |
| 500 | Obstruction Removal | AQ1 | --- | --- | GT1 | Bat2 | --- |
| 511 | Forage Harvest Management | --- | --- | --- | GT1 | --- | --- |
| 512 | Forage and Biomass Planting | --- | --- | --- | GT1 | --- | --- |
| 516 | Livestock Pipeline | AQ1 | --- | --- | GT1 DGF | --- | WFO WSF |
| 528 | Prescribed Grazing | --- | --- | --- | --- | --- | --- |
| 533 | Pumping Plant | AQ1 | --- | --- | --- | --- | --- |
| 543 | Land Reclamation, Abandoned Mined Land | AQ1 | --- | --- | GT1 | --- | --- |
| 544 | Land Reclamation, Currently Mined Land | AQ1 | --- | --- | GT1 | --- | --- |
| 548 | Grazing Land Mechanical Treatment | AQ1 | --- | MSB | GT1 BPS DGF | Bat1 | PPB WFO WSF |
| 554 | Drainage Water Management | --- | --- | --- | --- | --- | --- |
| 557 | Row Arrangement | --- | --- | --- | --- | --- | --- |
| 558 | Rooftop Runoff Management | --- | --- | --- | --- | --- | --- |
| 560 | Access Road | AQ1 | MSC RCW | MSB | GT1 BPS DGF | Bat1 LBB | PPB PondB WFO WSF |
| 561 | Heavy Use Area Protection | AQ1 | --- | --- | GT1 BPS DGF | --- | WFO WSF |
| 572 | Spoil Spreading | AQ1 | --- | --- | GT1 BPS DGF | --- | PPB PondB WFO WSF |
| 574 | Spring Development | AQ1 AQ2 | --- | MSB | --- | --- | WFO WSF |
| 576 | Livestock Shelter Structure | AQ1 | --- | --- | GT1 DGF | --- | WFO WSF |
| 578 | Stream Crossing | AQ1 AQ2 | --- | --- | --- | --- | --- |

| Code | Conservation Practice | Aquatic Species (21) | Birds (2) | Insects (1) | Longleaf Herps (3) | Mammals (4) | Plants (3) |
|---|---|---|---|---|---|---|---|
| 580 | Streambank and Shoreline Protection | AQ1 AQ2 | --- | --- | --- | --- | PPB |
| 582 | Open Channel | AQ2 | --- | --- | --- | --- | --- |
| 584 | Channel Bed Stabilization | AQ2 | --- | --- | --- | --- | --- |
| 585 | Stripcropping | --- | --- | --- | --- | --- | --- |
| 587 | Structure for Water Control | AQ1 AQ2 | --- | MSB | DGF | --- | PondB WFO WSF |
| 590 | Nutrient Management | AQ1 | --- | MSB | --- | --- | WFO WSF |
| 591 | Amendments for Treatment of Agricultural Waste | --- | --- | --- | --- | --- | --- |
| 595 | Integrated Pest Management (IPM) | AQ1 AQ3 | MSC RCW | MSB | GT1 BPS DGF | Bat3 | PPB PondB WFO WSF |
| 600 | Terrace | AQ1 | --- | --- | --- | --- | --- |
| 601 | Vegetative Barrier | --- | --- | --- | --- | --- | --- |
| 606 | Subsurface Drain | AQ1 | --- | --- | --- | --- | --- |
| 607 | Surface Drainage, Field Ditch | AQ1 AQ2 | --- | --- | --- | --- | --- |
| 608 | Surface Drainage, Main or Lateral | AQ1 AQ2 | --- | --- | --- | --- | --- |
| 612 | Tree/Shrub Establishment | --- | MSC | --- | GT1 | --- | --- |
| 614 | Watering Facility | AQ1 | --- | --- | GT1 DGF | --- | WFO WSF |
| 620 | Underground Outlet | AQ1 AQ2 | --- | --- | --- | --- | --- |
| 629 | Waste Treatment | AQ1 | --- | --- | GT1 | --- | --- |
| 633 | Waste Recycling | AQ1 | --- | --- | GT1 | --- | --- |
| 634 | Waste Transfer | AQ1 | --- | --- | GT1 DGF | --- | --- |
| 635 | Vegetated Treatment Area | AQ1 AQ3 | --- | --- | DGF | --- | --- |
| 638 | Water and Sediment Control Basin | AQ1 | --- | --- | GT1 | --- | PPB WFO WSF |
| 642 | Water Well | AQ1 | --- | --- | GT1 DGF | --- | WFO WSF |

| Code | Conservation Practice | Aquatic Species (21) | Birds (2) | Insects (1) | Longleaf Herps (3) | Mammals (4) | Plants (3) |
|---|---|---|---|---|---|---|---|
| 643 | Restoration and Management of Rare and Declining Habitats | AQ1 AQ2 AQ3 | MSC RCW | MSB | GT1 BPS DGF | Bat1 LBB | PPB PondB WFO WSF |
| 644 | Wetland Wildlife Habitat Management | AQ1 AQ3 | MSC | MSB | DGF | Bat1 LBB | PondB WFO WSF |
| 645 | Upland Wildlife Habitat Management | AQ1 AQ3 | MSC RCW | --- | GT1 BPS DGF | Bat1 LBB | PPB |
| 646 | Shallow Water Development and Management | AQ1 AQ3 | MSC | MSB | DGF | Bat1 LBB | PondB WFO WSF |
| 647 | Early Successional Habitat Development/ Management | AQ1 AQ3 | MSC RCW | MSB | GT1 BPS DGF | Bat1 LBB | PPB PondB WFO WSF |
| 649 | Structures for Wildlife | AQ1 AQ2 | RCW | --- | --- | Bat1 | --- |
| 655 | Forest Trails and Landings | AQ1 | MSC RCW | MSB | GT1 BPS DGF | Bat1 LBB | PPB PondB WFO WSF |
| 656 | Constructed Wetland | AQ1 | --- | --- | DGF | --- | WFO WSF |
| 657 | Wetland Restoration | AQ1 AQ3 | MSC | MSB | DGF | Bat1 LBB | PondB WFO WSF |
| 658 | Wetland Creation | AQ1 AQ3 | MSC | MSB | DGF | Bat1 LBB | PondB WFO WSF |
| 659 | Wetland Enhancement | AQ1 AQ3 | MSC | MSB | DGF | Bat1 LBB | PondB WFO WSF |
| 660 | Tree/Shrub Pruning | --- | RCW | --- | GT1 | Bat1 | --- |
| 666 | Forest Stand Improvement | AQ1 AQ3 | MSC RCW | MSB | GT1 BPS DGF | Bat1 LBB | PPB PondB WFO WSF |