

Detailed Implementation Plan Fiscal Year 2026

July 23, 2025

AGRICULTURE COST SHARE PROGRAM SUMMARY

The North Carolina Agriculture Cost Share Program (ACSP) was authorized by the General Assembly in 1983 to improve water quality associated with agriculture in three nutrient sensitive watersheds covering 16 counties. In 1990, the program was expanded to include 96 soil and water conservation districts (districts) covering all 100 counties across the state. In FY2026, there are 66 approved best management practices (BMPs) in the ACSP. BMPs include both short-term and long-term practices.

ACSP is administered by the North Carolina Soil and Water Conservation Commission and implemented through local soil and water conservation districts. The commission meets with stakeholders to gather input on ACSP's development and administration through the Technical Review Committee. ACSP currently receives a recurring state appropriation of \$4,016,998 for BMP allocation. The Commission annually earmarks a portion of state appropriated ACSP funds for BMP allocation through the Impaired and Impacted Streams Initiative (IISI) and Conservation Reserve Enhancement Program (CREP) to eligible districts. A separate recurring appropriation in the amount of \$2,448,778 is used to support technical assistance funding for districts.

FISCAL YEAR 2025 ANNUAL GOALS

- (1) Allocate general funds to soil and water conservation districts for all ACSP BMPs.
 - a. Award general funds to all districts requesting an allocation following 02 NCAC 59D .0103.
- (2) Allocate IISI and CREP earmarked ACSP funds to eligible soil and water conservation districts for all ACSP BMPs.
 - a. Award IISI earmarked funds to all eligible districts requesting an allocation following 02 NCAC 59D .0103.
- (3) Support implementation of a Job Approval Authority process for ACSP BMPs.
 - a. Review job approval category requirements to ensure technical competency.
- (4) Conduct training for districts.
 - a. Continue to train districts on the program.
 - b. Provide technical training for the required skills to plan and implement approved ACSP BMPs.
 - c. Maintain the <u>ACSP website</u> and Cost Share Contracting System with all relevant information.

DISTRICT ALLOCATIONS

- (1) Allocations for ACSP funds will be made to all districts requesting funds.
 - a. All districts must request ACSP funds in their FY2026 Strategic Plan. A mid-year voluntary return and re-allocation process for general ACSP funds will be available to all districts. The ACSP Spring Supplemental Allocation will follow the Supplemental Allocations of Cost Share Financial Assistance policy.
 - b. To be eligible for an IISI allocation, districts must complete the FY2026 IISI survey and request IISI funds in their FY2026 Strategic Plan. Tracking of districts' utilization of allocations (encumbrance by fiscal year end and voluntary return of funding for mid-year supplemental allocations) began in FY2025 and is used to determine future eligibility for IISI funds. Districts may participate in a mid-year voluntary return and re-allocation process that runs in conjunction with the ACSP Spring Supplemental Allocation.
 - c. CREP allocations are distributed to districts for qualifying projects on an as-needed basis.

 Districts must send a written request for funds to the ACSP and CREP program managers.
- (2) Allocation parameters are described 02 NCAC 59D .0103 Agriculture Cost Share Program Financial Assistance Allocation Guidelines and Procedures (Effective January 1, 2020).

Table 1. Allocation parameters

PARAMETER	PERCENT
Percentage of total acres of agricultural land in North Carolina that are in the respective district as reported in the most recent edition of the North Carolina Census of Agriculture.	20%
Percentage of total number of animal units in North Carolina that are in the respective district as reported in the most recent edition of the North Carolina Census of Agriculture and converted to animal units.	20%
Relative rank of the percentage of the county outside of municipal boundaries draining to waters identified as impaired or impacted on the most recent Integrated Report produced by the North Carolina Division Water Resources.	20%
Relative rank of the percentage of the county draining to waters classified as Primary Nursery Areas, Outstanding Resource Waters, High Quality Waters, and Trout Waters on the current schedule of Water Quality Standards and Classifications, Shellfish Harvesting Areas (open) as determined by the Division of Marine Fisheries, and North Carolina Drinking Water Assessment Areas as determined by the Division of Water Resources.	10%

Percentage of program funds allocated to a district that are expended for installed BMPs in the highest three of the most recent seven-year period as reported in the NC Cost Share Contracting System.	20%
Relative rank of the number of acres of highly erodible land in the county as reported by the United States Department of Agriculture Farm Service Agency.	10%

TECHNICAL ASSISTANCE ALLOCATIONS

- (1) Allocations for technical assistance shall be based on the recommendation of the Division, the funding requested in the district's strategic plan, and the need to install BMPs in the district.
- (2) Each district shall provide at least 50% matching funds for technical assistance.
- (3) The allocation is made based on the implementation of conservation practices for which district employees provided technical assistance:
 - a. Commission Cost Share Programs funded practices: 100%
 - b. Local, State, Federal and grant funded practices that meet the purpose requirements of Commission Cost Share Programs: 25%
 - c. Allocations are calculated using the highest three of the most recent seven years. This calculation was approved at the February 24, 2021, Commission meeting and is effective this fiscal year.
 - d. Allocations are calculated once every three years, unless there is a change in technical assistance State appropriations.
- (4) Technical assistance funds may be used for any expense of the district in implementing Commission Cost Share Programs.
- (5) The minimum allocation for districts with the required match is \$20,000. The maximum allocation per district is \$30,000.
- (6) If a district is not spending more financial assistance funds on Commission Cost Share Programs than they receive for technical assistance, the district will appeal to the Commission to receive technical assistance funding.
- (7) All technical district employees shall obtain Job Approval Authority for two BMPs from the Commission or United States Department of Agriculture Natural Resources Conservation Service (USDA-NRCS) within three years of being hired or by January 1, 2025, whichever is later.
 - One BMP must be a design practice as described in Commission Program Detailed Implementation Plans, such as this document, or as defined as an engineering practice by USDA-NRCS.
 - b. Boards of Supervisors may request a one-year extension for their employees in meeting this requirement for extenuating circumstances outside the employees' control.

BEST MANAGEMENT PRACTICES ELIGIBLE FOR COST SHARE PAYMENTS

- (1) The best management practices eligible for cost sharing include the practices listed in Table 2 and any approved District BMPs.
 - District BMPs shall be reviewed by the Division for technical merit in achieving the goals of this program. Upon approval by the Division, the District BMPs will be eligible to receive cost share funding as described in 02 NCAC 59D .0106.
- (2) The minimum life expectancy of the BMPs is listed in Table 2. Practices designated by a District shall meet the life expectancy requirement established by the Division for that District BMP.
- (3) The list of BMPs eligible for cost sharing may be revised by the Soil and Water Conservation Commission as deemed appropriate to meet program purpose and goals. Additional practices may be adopted and introduced during the program year.

Table 2. Best management practices eligible for cost sharing, the minimum life expectancy of each practice and the practice type.

PRACTICE	MINIMUM LIFE EXPECTANCY (years)	PRACTICE TYPE
Abandoned Tree Removal	10	AGRONOMIC
Abandoned Well Closure	1	DESIGN
Agrichemical Containment and Mixing Facility	10	DESIGN
Agrichemical Handling Facility	10	DESIGN
Agricultural Pond Repair/Retrofit	10	DESIGN
Agricultural Pond Sediment Removal	1	DESIGN
Agricultural Road Repair/Stabilization	10	DESIGN
Agricultural Water Collection System	10	DESIGN
All-Season Agricultural Access	10	DESIGN
Backflow Prevention System (Chemigation or Fertigation)	10	DESIGN
Concentrated Nutrient Source Management System	10	DESIGN
Conservation Cover	6	AGRONOMIC
Constructed Wetland	10	DESIGN
Cover Crops	1	AGRONOMIC
Critical Area Planting	10	AGRONOMIC
Cropland Conversion	10	AGRONOMIC
Diversion	10	DESIGN
Drystack	10	DESIGN
Field Border	10	AGRONOMIC
Filter Strip	10	AGRONOMIC
Grade Stabilization Structure	10	DESIGN
Grassed Waterway	10	DESIGN
Heavy Use Area Protection	10	DESIGN
Insect Control System	5	DESIGN
Lagoon Biosolids Removal Practice	1	DESIGN
Livestock Exclusion Fence	10	AGRONOMIC
Livestock Feeding Area	10	DESIGN
Livestock Mortality Management System - Incinerator	5	DESIGN
Livestock Mortality Management System - Other Systems	10	DESIGN
Manure Composting Facility	10	DESIGN
Manure/Litter Transportation Incentive	1	DESIGN
Micro-Irrigation System	10	DESIGN

PRACTICE	MINIMUM LIFE EXPECTANCY (years)	PRACTICE TYPE
Nutrient Management	3	AGRONOMIC
Odor Control Management System	1 to 10	AGRONOMIC
Pasture Renovation	5	AGRONOMIC
Pastureland Conversion	10	AGRONOMIC
Portable Agrichemical Mixing Station	5	DESIGN
Precision Agrichemical Application	5	AGRONOMIC
Precision Land Forming and Smoothing	5	DESIGN
Precision Nutrient Management	3	AGRONOMIC
Prescribed Grazing	3	AGRONOMIC
Residue and Tillage Management	1 to 3	AGRONOMIC
Retrofit of On-going Animal Operations	10	DESIGN
Riparian Buffer	10	AGRONOMIC
Rock-lined Waterway or Outlet	10	DESIGN
Rooftop Runoff Management System	10	DESIGN
Sediment Control Basin	10	DESIGN
Sod-based Rotation	3, 4 or 5	AGRONOMIC
Solids Separation from Tank-Based Aquaculture Production	10	DESIGN
Spring Development	10	DESIGN
Stock Trail and Walkway	10	DESIGN
Storm Water Management System	10	DESIGN
Stream Crossing	10	DESIGN
Stream Debris Removal	1	DESIGN
Stream Protection Well	10	DESIGN
Stream Restoration	10	DESIGN
Streambank and Shoreline Protection	10	DESIGN
Strip cropping	5	AGRONOMIC
Terrace	10	DESIGN
Trough or Tank	10	DESIGN
Use Exclusion Fencing	10	AGRONOMIC
Waste Application System	10	DESIGN
Waste Impoundment Closure	1 or 10	DESIGN
Waste Treatment Lagoon/Storage Pond	10	DESIGN
Water Control Structure	10	DESIGN
Wetlands Restoration System	10	DESIGN

BEST MANAGEMENT PRACTICE DEFINTIONS

Agrichemical Pollution Prevention Practices

- (1) Abandoned tree removal: Remove Christmas and/or apple tree fields for integrated pest management and for reducing sedimentation. An abandoned tree field can be of any size or age trees where standard management practices (e.g., maintaining groundcover, insect and disease control, fertilizer applications and annual shearing practices) for the production of the trees are discontinued or abandoned. The field must have been abandoned for at least 5 years. Abandonment leads to adverse soil erosion formations such as gullies and to production of disease inoculums and increased pest population. Conversion to perennial vegetation on abandoned fields further protects soil loss by preventing runoff on steep slopes due to a better groundcover thereby providing additional water quality protection. Benefits include water quality protection, prevention of soil erosion, and wildlife habitat establishment.
- (2) Agrichemical containment and mixing facility: A system of components that provide containment and a barrier to the movement of agrichemicals. The purpose of the system is to provide secondary containment to prevent degradation of surface water, groundwater, and soil from unintentional release of pesticides or fertilizers.
- (3) Agrichemical handling facility: A permanent structure that provides an environmentally safe means of mixing agrichemicals and filling tanks with agrichemicals for application and storage to improve water quality. Benefits may include prevention of accidental degradation of surface and ground water.
- (4) Chemigation or Fertigation backflow prevention: A combination of devices (valves, gauges, injectors, drains, etc.) to safeguard water sources from contamination by fertilizers used during the irrigation of agricultural crops. The practice is intended to modify or improve fertilizer injection systems with components necessary to prevent backflow or siphoning of contaminants into the water supply thereby improving and protecting the state's waters.
- (5) **Portable agrichemical mixing station:** A portable device to be used in the field to prevent the unintentional release of agrichemicals to the environment during mixing and transferring of agrichemicals. Benefits may include prevention of accidental degradation of surface and ground water.
- (6) **Precision agrichemical application:** A system of components that enable reduction and greater control of fertilizer or pesticide application. This is accomplished through avoidance of excessive overlapping, unnecessary application to end/turn rows, and more precise control of application rates.

Erosion and Nutrient Management Practices

(1) **Conservation cover:** Establish and maintain a conservation cover of grass, legumes, or other approved plantings on fields previously with no groundcover established, to reduce soil erosion and improve water quality. Other benefits may include reduced offsite sedimentation and

pollution from dissolved and sediment-attached substances. Eligible land includes that planted to Christmas Trees, orchards, ornamentals, vineyards and other cropland needing protective cover.

- (2) Cover crop: A crop of grasses, legumes, small grain or brassicas grown primarily for seasonal vegetative protection, erosion control and soil improvement. Cover crops are typically grown for one year or less. The practice can be implemented to support one or more of the following purposes: reduce erosion from wind and water; reduce water quality degradation by utilizing excessive soil nutrients; improve infiltration of rainfall; maintain or increase soil health and organic matter content; suppress excessive weed pressures and break pest cycles; improve soil moisture use efficiency and/or minimize soil compaction.
- (3) **Critical area planting:** An area of highly erodible land that cannot be stabilized by ordinary conservation treatment on which permanent perennial vegetative cover is established and protected to improve water quality. Benefits may include reduced soil erosion and sedimentation.
- (4) **Cropland conversion:** To establish and maintain a conservation cover of grasses, trees, or wildlife plantings on fields previously used for crop production to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved and sediment-attached substances.
- (5) **Diversion:** A channel constructed across a slope with a supporting ridge on the lower side to control drainage by diverting excess water from an area to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved and sediment-attached substances.
- (6) Micro-irrigation: An environmentally safe system for the conveyance and distribution of water, chemicals, and fertilizer to agricultural fields for crop production. A micro-irrigation system is for frequent application of small quantities of water on or below the soil surface as drops, tiny streams, or miniature spray through emitters or applicators placed along a water delivery line. This practice may be applied as part of a conservation management system to support one or more of the following purposes: to efficiently and uniformly apply irrigation water and maintain soil moisture for plant growth; to efficiently and uniformly apply plant nutrients in a manner that protects water quality; to prevent contamination of ground and surface water by efficiently and uniformly applying chemicals and fertilizers and/or to establish desired vegetation.
- (7) **Pasture-land conversion:** Establishing trees or perennial wildlife plantings on excessively eroding land with a visible sediment delivery problem to the waters of the state used for pasture that is too steep to mow or maintain with conventional equipment to improve water quality. Benefits may include reduced soil erosion and sedimentation.
- (8) **Pasture renovation:** Establish and maintain a conservation cover of forage, where existing pasture vegetation is inadequate. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved and sediment-attached substances.
- (9) **Precision land forming and smoothing:** Reshaping the surface of agricultural land to planned grades for the purpose of improving water quality. Precision land forming is reshaping crop fields to planned grades to improve surface drainage and control erosion. Land smoothing is used for removing irregularities within a field, including depressions, mounds, old terraces or diversions,

turn-rows, or other surface irregularities. Improvements to water quality include reduction in nutrient loss, reduction in concentrated flow of water from an agricultural field and improved infiltration.

- (10) **Prescribed grazing:** Managing the intensity, frequency, duration, timing, and number of grazing animals on pastureland in accordance with site production limitations, rate of plant growth, physiological needs of forage plants for production and persistence, and nutritional needs of the grazing animals. The goal of this practice is to reduce accelerated soil erosion and compaction, to improve or maintain riparian and watershed function, to maintain surface and/or subsurface water quality and quantity, to improve nutrient distribution, and to improve or maintain desired species composition and vigor of plant communities. Productive pastures maintain wildlife habitat and permeable green space.
- (11) Residue and tillage management: Maintaining crop and other plant residue on the soil surface year-round and limiting soil disturbing activities to protect water quality. Residue and tillage management also provides seasonal soil protection from wind and rain erosion, adds organic matter to the soil, conserves soil moisture, and improves infiltration, aeration, and tilth. Benefits may include reduction in soil erosion, sedimentation and pollution from sediment-attached substances.
- (12) **Rooftop runoff management:** A system of collection and stabilization practices (dripline stabilization, guttering, collection boxes, etc.) to prevent rainfall runoff from agricultural rooftops from causing erosion where vegetative practices are insufficient to address erosion concerns and protect water quality.
- (13) **Sod-based rotation:** An adapted sequence of crops, grasses and legumes or a mixture thereof established and maintained for a definite number of years as part of a conservation cropping system which is designed to provide adequate organic residue for maintenance or improvement of soil tilth to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved and sediment-attached substances.
- (14) **Strip cropping:** A strip cropping practice means to grow planned alternating strips of erosion resistant and erosion susceptible crops or fallow in a systematic arrangement across a field to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved and sediment-attached substances.
- (15) **Terraces:** An earth embankment, a channel, or a combination ridge and channel constructed across the slope to improve water quality. Benefits may include reduced soil erosion, sedimentation, and pollution from dissolved and sediment-attached substances.
- (16) **Wetland restoration system:** A system of practices designed to restore the natural hydrology of an area that had been drained and cropped.

Sediment and Nutrient Management Practices

- (1) **Abandoned well closure:** The sealing and permanent closure of a supply well no longer in use. This practice serves to prevent entry of contaminated surface water, animals, debris, or other foreign substances into the well. It also serves to eliminate the physical hazards of an open hole to people, animals, and farm machinery.
- (2) Agricultural pond repair/retrofit: To restore or repair existing failing agricultural pond systems. Benefits may include erosion control, flood control, and sediment and nutrient reductions from farm fields for better water quality.
- (3) **Agricultural pond sediment removal:** Remove sediment from existing agricultural ponds to increase water storage capacity. Benefits may include water supply, erosion control, flood control, and sediment and nutrient reductions from farm fields.
- (4) **Agricultural road repair/stabilization:** Repair or stabilization of existing access roads utilized for agricultural operations, including roads to existing crop fields, pastures, and barns.
- (5) Agricultural water collection system: Construct an agricultural water collection system for water reuse or irrigation to improve water quality. These systems may include construction of new ponds, utilizing existing ponds, water storage tanks and pumps in order to intercept sediment, nutrients, manage chlorophyll a. These systems may have the added benefit of reducing the demand on the water supply and decreasing withdrawal from aquifers, but these benefits shall not be the justification for this practice.
- (6) All-season agricultural access: An accompanying best management practice (BMP) to provide stabilized access to agriculture BMPs to reduce erosion and improve water quality. This accompanying BMP is not intended to be used to construct new roads.
- (7) **Field border:** A strip of perennial vegetation established at the edge of the field that provides a stabilized outlet for row water to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved and sediment-attached substances.
- (8) **Filter strip:** An area of permanent perennial vegetation for removing sediment, organic matter, and other pollutants from runoff and wastewater to improve water quality. Benefits may include reduced soil erosion, sedimentation, pathogen contamination and pollution from dissolved, particulate, and sediment-attached substances.
- (9) Grade stabilization structure: A structure (earth embankment, mechanical spillway, detentiontype, etc.) used to control the grade and head cutting in natural or artificial channels to improve water quality. Benefits may include reduced soil erosion and sedimentation.
- (10) **Grassed waterway:** A natural or constructed channel that is shaped or graded to required dimensions and established in suitable vegetation for the stable conveyance of runoff to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved and sediment-attached substances.

- (11) **Nutrient management:** A definitive plan to manage the amount, form, placement, and timing of applications of nutrients to minimize entry of nutrients to surface and groundwater and improve water quality.
- (12) **Precision nutrient management:** Applying nitrogen; phosphorus and lime in a site-specific manner (with specialized application equipment or multiple application events) based on the site-specific recommendations for each GPS-referenced sampling point to minimize entry of nutrients to surface and groundwater and improve water quality.
- (13) **Riparian buffer:** A permanent, long-lived vegetative cover (grass, shrubs, trees, or a combination of vegetation types) established adjacent to and up-gradient from watercourses or water bodies to improve water quality. Benefits may include reduced soil erosion and nutrient delivery, sedimentation, pathogen contamination and pollution from dissolved, particulate and sedimentattached substances.
- (14) **Rock-lined outlet:** A waterway having an erosion-resistant lining of concrete, stone or other permanent material where an unlined or grassed waterway would be inadequate to improve water quality. Benefits may include safe disposal of runoff, reduced erosion and sedimentation.
- (15) **Sediment basin:** A basin constructed to trap and store waterborne sediment where physical conditions or land ownership preclude treatment of a sediment source by the installation of other erosion control measures to improve water quality.
- (16) **Stream restoration:** The use of bioengineering practices, native material revetments, channel stability structures, and/or the restoration or management of riparian corridors in order to protect upland BMPs, restore the natural function of the stream corridor and improve water quality by reducing sedimentation to streams from streambank. *All FY 2025 Stream Restoration BMPs will require designs to be completed by third party engineers*.
- (17) **Streambank and shoreline protection:** The use of vegetation to stabilize and protect banks of streams, lakes, estuaries, or excavated channels against scour and erosion. This practice should be used to prevent the loss of land or damage to utilities, roads, buildings, or other facilities adjacent to the banks, to maintain the capacity of the channel, to control channel meander that would adversely affect downstream facilities, to reduce sediment load causing downstream damages and pollution, or to improve the stream for recreation or fish and wildlife habitat.
- (18) **Stream debris removal:** The removal of vegetation along the bank (clearing) and/or selective removal of snags, drifts, or other obstructions (snagging) from natural or improved channels and streams. This practice may be implemented to reduce risks to agricultural resources by removing obstructions that hinder channel flow or sediment transport, reduce excessive bank erosion by eddies or redirection of flow caused by obstructions, restore flow capacity and direction, or minimize blockages by debris.
- (19) Water control structure: A permanent structure placed in a farm canal, ditch, or subsurface drainage conduit (drain tile or tube), which provides control of the stage or discharge of surface and/or subsurface drainage. The management mechanism of the structure may be flashboards, gates, valves, risers, or pipes. The primary purpose of the water control structure is to improve water quality by elevating the water table and reducing drainage outflow. A secondary purpose is

to restore hydrology in riparian buffers to the extent practical. Elevating the water table promotes denitrification and lower nitrate levels in drainage water from cropping systems and minimizes the effects of short-circuiting of drainage systems passing through riparian buffers. Other benefits may include reduced pollution from other dissolved and sediment-attached substances, reduced downstream sedimentation and reduced stormwater surges of fresh water into estuarine areas. This practice is not intended to be used to control water inflow from tidal influence (i.e., no tide gates).

Stream Protection Management Practices

- (1) **Heavy use area protection:** An area used frequently and intensively by animals, which must be stabilized by surfacing with suitable materials to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved, particulate, and sedimentattached substances.
- (2) **Livestock exclusion fencing:** A system of permanent fencing (board, barbed, high tensile or electric wire) installed to exclude livestock from streams and critical areas not intended for grazing to improve water quality. Benefits may include reduced soil erosion, sedimentation, pathogen contamination and pollution from dissolved, particulate, and sediment-attached substances.
- (3) Livestock feeding area: A sized concrete pad where feeders are located, surrounded by a heavy use area. The livestock feeding area is designed for the purpose of improving the lifespan of the heavy use area and to reduce the runoff of nutrients and fecal coliform to adjacent water bodies. Where accumulation of waste is a concern, the livestock feeding area may be designed with a waste storage facility (feeding/waste storage structure) for the added purpose of improving the collection/storage of animal waste. The practice is to be used where livestock feeding areas are in close proximity to streams or where relocation or rotation of feeding areas is infeasible due to physical limitations (e.g., slope) or where other measures are insufficient to protect water quality.
- (4) **Spring development**: Improving springs and seeps by excavating, cleaning, capping or providing collection and storage facilities.
- (5) **Stocktrails and walkways:** Provide a stable area used frequently and intensively for livestock movement by surfacing with suitable material to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved, particulate, and sedimentattached substances.
- (6) **Stream crossing:** A trail constructed across a stream to allow livestock to cross without disturbing the bottom or causing soil erosion on the banks.
- (7) **Stream Protection Well:** Constructing a drilled, driven or dug well to supply water from an underground source.
- (8) **Trough or tank:** Devices installed to provide drinking water for livestock at a stabilized location.

(9) Use Exclusion Fencing: Use Exclusion Fencing means a system of permanent fencing (board, barbed, high tensile or electric wire) installed to exclude livestock from streams and critical areas not intended for regular grazing to improve water quality. Benefits may include reduced soil erosion, sedimentation, pathogen contamination and pollution from dissolved, particulate, and sediment-attached substances.

Waste and Nutrient Management Practices

- (1) Concentrated nutrient source management system: A system of vegetative and structural measures used to manage the collection, storage, and/or treatment of areas where agricultural products may cause an area of concentrated nutrients. Examples could include sweet potato culls and silage leachate.
- (2) **Constructed wetlands:** An artificial wetland area into which liquid animal waste from a waste storage pond or lagoon is dispersed over time to lower the nutrient content of the liquid animal waste.
- (3) **Dry stack:** A fabricated structure for temporary storage of animal waste.
- (4) **Heavy use area protection:** An area used frequently and intensively by animals, which must be stabilized by surfacing with suitable materials to improve water quality. Benefits may include reduced soil erosion, sedimentation and pollution from dissolved, particulate, and sedimentattached substances.
- (5) **Insect control system:** A practice or combination of practices (planting windbreaks, pre-charging structures, incorporation of waste into soil, etc.) which manages or controls insects from confined animal operations, waste treatment and storage structures, and waste applied to agricultural land.
- (6) **Lagoon biosolids removal practice:** Removing accumulated biosolids from active anerobic lagoons. The biosolids will be properly utilized on farmland or forestland or processed to a value-added product, including energy production, to reduce nutrient impacts from nitrogen-only based planning and impacts of phosphorus accumulation on application land.
- (7) Livestock feeding area: A sized concrete pad where feeders are located, surrounded by a heavy use area. The livestock feeding area is designed for the purpose of improving the lifespan of the heavy use area and to reduce the runoff of nutrients and fecal coliform to adjacent water bodies. Where accumulation of waste is a concern, the livestock feeding area may be designed with a waste storage facility (feeding/waste storage structure) for the added purpose of improving the collection/storage of animal waste. The practice is to be used where livestock feeding areas are in close proximity to streams or where relocation or rotation of feeding areas is infeasible due to physical limitations (e.g., slope) or where other measures are insufficient to protect water quality.
- (8) **Livestock mortality management system:** A facility for managing livestock mortalities such as to minimize water quality impacts or to produce a material that can be recycled as a soil amendment and fertilizer substitute. Cost shareable mortality management system components include

- composter, rotary drum composter, forced aeration static pile composter, mortality freezer/refrigeration unit and mortality incinerator system.
- (9) Manure composting facility: A facility for the biological treatment, stabilization and environmentally safe storage of organic waste material only (such as manure from poultry and livestock, not to include mortalities) to minimize water quality impacts and to produce a material that can be recycled as a soil amendment and fertilizer substitute.
- (10) Manure/litter transportation incentive: Transporting litter and manure from poultry and livestock farms that lack sufficient land to effectively utilize the animal-derived nutrients. The litter/manure will be properly utilized on alternative land or processed to a value-added product, including energy production, to reduce nutrient impacts.
- (11) **Odor control management system:** A practice or combination of practices (planting windbreaks, pre-charging structures, incorporation of waste into soil, etc.) which manages or controls odors from confined animal operations, waste treatment and storage structures and waste applied to agricultural land.
- (12) **Retrofit of on-going animal operations:** Retrofits of on-going animal operations are modifications of waste storage impoundments to increase capacity or to correct design flaws to meet current standards. This practice may also be used to close waste impoundments on on-going operations, including the safe removal of existing waste and waste water and the application of this waste on land in an environmentally safe manner.
- (13) Solids separation from tank/raceway-based aquaculture production: A system for the removal, storage and dewatering of solid waste from the effluent of tank or raceway-based aquaculture production systems. The system is used to capture organic solids from the effluent stream of aquaculture production systems that would otherwise flow to effluent ponds for storage and further treatment. This waste comes from uneaten feed and feces generated while being fed within the tank- or raceway-based aquaculture production system.
- (14) **Storm water management system:** A system of collection and diversion practices (guttering, collection boxes, diversions, etc.) to prevent unpolluted storm water from flowing across concentrated waste areas on animal operations.
- (15) Waste application systems: An environmentally safe system (such as mobile irrigation equipment, solid set, dry hydrant, etc.) for the conveyance and distribution of animal wastes from waste treatment and storage structures to agricultural fields as part of an irrigation and waste management plan.
- (16) **Waste impoundment closure:** A Waste Impoundment Closure means the safe removal of existing waste and waste water and utilization in an environmentally safe manner. This practice is only applicable to animal waste storage ponds and lagoons.
- (17) Waste treatment lagoon/storage pond: A Waste Treatment Lagoon means an impoundment made by excavation or earthfill for biological treatment and storage of animal waste. (DIP) A Waste Storage Pond means an impoundment made by excavation or earthfill for temporary storage of animal waste, wastewater and polluted runoff.

ABANDONED TREE REMOVAL

	PRACTICE DESCR	IPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
327-ATR	Abandoned Tree Removal	Purpose	Туре	All					
		•	TECHNICAL CON	PETENCY REQUIREMEN	TS				
	Prerequisite	es	Practice Knowledge, Skills, Abilities (KSAs)						
1. Employee must	fulfill ALL the Technical Competency F	Requirements listed for	this practice, and	1. Knowledge of NC's	Crops and Cropping	Systems.			
submit the specifie	d number of plans for review for to re	eceive JAA.		2. Knowledge of Soil	Ü				
				1 '		rosion Prediction Tools.			
_	edge of SWCC JAA Policy and Procedu	res, applicable conserva	tion practice standard,		• .				
and BMP policies.				5. Knowledge of Wild	ilite Management and	d Adaptive Plant Species.			
3 Canability to co	mplete "The NRCS-CPA-52 Environme	ntal Evaluation Worksho	et" or comparable						
site assessment for	·	Tital Evaluation Workship	ect of comparable						
			PRA	ACTICE PHASES					
	INVENTORY AND EVALUATION (I&E)		DESIGN (D)		CONSTR	UCTION & CERTIFICATIO	N (C&C)	
	Independently complete a minimum of two I&E packets on separate			plete a minimum of tw		1. Independently com	•		
•	s (PLU) to identify and document reso	•	designs/specifications	•	•	construction/certificat			
	A-52 Form (or equivalent) and GIS ma		Planning Land Units (P		n the most recent	separate Planning Land Units (PLU) in accordance with the most			
ArcMap, Toolkit, o	r Conservation Desktop) to develop Co	onservation Plan Maps.	SWCC BMP standard a	and policies.		recent SWCC BMP star	ndard and policies.		
2 Uso the latest N	RCS-CPA-52 (Sections A thru P) or con	mnarable site	2. Independently fulfi	II/complete the "Desig	n" dolivorables in	2. Independently fulfi	Usamplata tha "Instal	lation" & "Chack Out	
	o independently recommend and doc	•	accordance with the n			deliverables in accorda			
	ative action(s) needed to meet the cli		Work (SOW), including	•		Statement of Work (SC		•	
-	ed purpose to mitigate associated res	•	, , ,			Statement of Work (St	ovoj or comparable sv	vec form(s).	
different Planning	· · ·	ource concerns for two	practice specification	· · · · · · · · · · · · · · · · · · ·	comparable 544 cc	3. Independently com	nile record and comm	lete practice	
anterent harming	zana omio (r zo).		practice specification :	311000(3)1		certification activities		•	
3. Complete the a	opropriate "CONSERVATION PLANNIN	G CRITERIA. RESOURCE	3. Completion of the l	latest NRCS-CPA-52 Wo	orksheet. Sections A	("Conservation Practic	=		
	IAL ENVIRONMENTAL CONCERNS CHE	•	· '	ble site assessment for	•		,		
	arable form, and ALL applicable resou	•							
	ediction tools, calculations, surveys, a								
necessary to docur	ment existing resource conditions, res	ource concerns, and							
short-term/long te	rm effects of proposed alternatives.	·							

AGRICULTURAL ROAD REPAIR / STABILIZATION

	PRACTICE DESCRIPT	TION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
560	Agricultural Road Repair / Stabilization	Maximum Grade	Percent	1	5	10	15	>15 = PE Only	
		Culvert Pipe; Inside Diameter	Inches	18	36	>36 = PE Only			
			TECHNICAL CON	MPETENCY REQUIREMEN	TS				
	Prerequisites				Practice Knowledge, Skills, Abilities (KSAs)				
submit the specification of the control of the cont	st fulfill ALL the Technical Competency Re fied number of plans for review for to reco reledge of SWCC JAA Policy and Procedures omplete "The NRCS-CPA-52 Environment	eive JAA. s, applicable conserva cal Evaluation Worksho d Limitations Ratings. following applicable p s on separate rec concerns using ping tools (i.e. servation Plan Maps. parable site nent resource nt's objective and urce concerns for two CRITERIA, RESOURCE KLIST (see EFOTG, the assessments tools, soils investigations	PRA 1. Independently condesigns/specifications Planning Land Units (I SWCC BMP standard 2. Independently fulf accordance with the r Work (SOW), includin Sheet(s), Implementa practice specification 3. Completion of the	Pipe Conduits and Drain 2. Development of relations and Drain 2. Development of relations and Drain 3. Ability to Assess site 4. Installation inspection Materials, 512.20 throut 5. Development of as-bestication the installation the installation of the installation of the installation of the installation of the desired practice of the desired practice of the desired practice of the installation of the in	Construction Specifications, 45 - Plastic Pipe, 51 - 1 ted computations and anydraulics, and structural soil conditions and presson of actual materials using h 512.23; Subpart D - Obuilt or "red-line" drawing allation meets applicable tering Services, Subpart A tering Services, Subpart A tering Services and the most recent any applicable Job comparable SWCC	on 7 - Construction Surveys Corrugated Metal Pipe, 61 Inlyses to develop plans and I design. Cribe treatment and the ap ed (NEM Part 512 - Constru quality Assurance Activities gs (NEM Part 512, Constru e standards and specification A - Introduction, 505.3).	, 21 - Excavation, and 23 - Rock Riprap, and 95 - Cd specifications including propriate vegetation. Including propriate vegetation is in compliance propriate. Including propriate vegetation including propriate vegetation. Including propriate vegetation. Including propriate vegetation including propriate vegetation. Including propriate vegetation including propriate vegetation including propriate vegetation. Including propriate vegetation including propriate vegetation including propriate vegetation. Including propriate vegetation in	sectextile. g but not limited to soil ation of Construction alts, 512.50 through with permits (NEM Part DN (C&C) wo ne desired practice on dance with the most alation" & "Check Out" cent eFOTG practice VCC form(s).	

ALL-SEASON AGRICULTURAL ACCESS

	PRACTICE DESCRIPT	TION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class V	
561-ASAA	All-Season Agricultural Access	Purpose	Туре	All				
			TECHNICAL COM	PETENCY REQUIREMEN	TS			
	Prerequisites				Practice	Knowledge, Skills, Abiliti	es (KSAs)	
submit the specific 2. Working knowle and BMP policies. 3. Capability to co site assessment fo 4. Working knowle 5. Capability to pe	fulfill ALL the Technical Competency Reset of number of plans for review for to receeding of SWCC JAA Policy and Procedures implete "The NRCS-CPA-52 Environment im. edge of Web Soil Survey, Suitabilities and rform layout and construction checking at contained in Technical Release 62.	tion practice standard, eet" or comparable	 Ability to Assess sit Installation inspect Construction Materia Development of as through 512.52). Certification the in 	se soil conditions and tion of actual material ls, 512.20 through 512 s-built or "red-line" dr stallation meets appli	cation 21 - Excavation a prescribe treatment and Is used (NEM Part 512 - 2.23; Subpart D - Quality awings (NEM Part 512, C cable standards and spe ering Services, Subpart A	I the appropriate veger Construction, Subpart Assurance Activities, 5 Construction, Subpart F ecifications and is in co	C – Evaluation of 512.33). F – As-builts, 512.50 mpliance with	
			DRΔ	CTICE PHASES				
	INVENTORY AND EVALUATION (I&E)		rice	DESIGN (D)		CONSTR	UCTION & CERTIFICATIO	N (C&C)
Planning Land Unit the latest NRCS-CF ArcMap, Toolkit, o 2. Use the latest N assessment form t alternatives/alternachieve the intend different Planning 3. Complete the a CONCERNS & SPEC Section II) or compacts as erosion pronecessary to documents.	complete a minimum of two I&E packets is (PLU) to identify and document resour A-52 Form (or equivalent) and GIS mapper Conservation Desktop) to develop Con IRCS-CPA-52 (Sections A thru P) or composindependently recommend and documentive action(s) needed to meet the cliented purpose to mitigate associated resour	rce concerns using bing tools (i.e. servation Plan Maps. arable site nent resource t's objective and tree concerns for two CRITERIA, RESOURCE (LIST (see EFOTG, e assessments tools, soils investigations	2. Independently fulfil accordance with the m Work (SOW), including Sheet(s), Implementat practice specification s	plete a minimum of tw for the desired practic LU) in accordance with nd policies. Il/complete the "Desig nost recent eFOTG prac g O&M guidance, and a ion Requirements, or c sheet(s).	e on separate in the most recent in" deliverables in citice Statement of any applicable Job comparable SWCC	Independently comconstruction/certificat separate Planning Lan recent SWCC BMP star Independently fulfideliverables in accordate Statement of Work (SC) Independently comcertification activities	plete a minimum of twition "check-outs" for the dunits (PLU) in accorded and and policies. Il/complete the "Installance with the most recow) or comparable SW	de desired practice on ance with the most lation" & "Check Out" ent eFOTG practice //CC form(s).

BASEFLOW INTERCEPTOR (STREAMSIDE PICKUP)

	PRACTICE DESCRIPT	ION		JOB CLASSES					
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class V		
574-BI-AW	Baseflow Interceptor (streamside pickup)	Purpose	Туре	All					
		-	TECHNICAL COM	PETENCY REQUIREMEN	rs	2.1	-		
	Prerequisites				Practic	e Knowledge, Skills, Abiliti	es (KSAs)		
1 ' '	fulfill ALL the Technical Competency Rec	•	this practice, and	_	· ·	cation 21 - Excavation a			
1	ed number of plans for review for to rece			1		prescribe treatment and			
1	edge of SWCC JAA Policy and Procedures	, applicable conserva	tion practice standard,	· '			EM Part 503-Safety, Su	bpart A - Engineering	
and BMP policies.	omplete "The NRCS-CPA-52 Environmenta	al Evaluation Morksh	et" or comparable	Activities Affecting Ut		awings (NEM Part 512, (Construction Subpart F	- Δε-huilte 512 50	
site assessment fo	'	ii Evaluation Worksin	eet of comparable	through 512.52).	built of Tea line at	awings (NEIVIT art 512, C	zonstruction, Subpart i	A3 builts, 312.30	
	edge of Web Soil Survey, Suitabilities and	Limitations Ratings.		,	stallation meets appli	cable standards and spe	cifications and is in co	mpliance with	
5. Capability to pe	erform layout and construction checking	following applicable p	procedures and	permits (NEM Part 50	5 – Non-NRCS Engine	ering Services, Subpart A	A - Introduction, 505.3)	,	
Notekeeping form	at contained in Technical Release 62.								
			PRA	CTICE PHASES					
	INVENTORY AND EVALUATION (I&E)			DESIGN (D)		CONSTR	UCTION & CERTIFICATIO	N (C&C)	
1. Independently	complete a minimum of two I&E packets	on separate	Independently complete a minimum of two			Independently complete a minimum of two			
Planning Land Uni	ts (PLU) to identify and document resour	ce concerns using	designs/specifications for the desired practice on separate			construction/certification "check-outs" for the desired practice on			
	PA-52 Form (or equivalent) and GIS mapp	•	Planning Land Units (PLU) in accordance with the most recent			separate Planning Land Units (PLU) in accordance with the most			
ArcMap, Toolkit, o	or Conservation Desktop) to develop Cons	servation Plan Maps.	SWCC BMP standard a	nd policies.		recent SWCC BMP standard and policies.			
2 Use the latest N	NRCS-CPA-52 (Sections A thru P) or comp	arahlo sito	2. Independently fulfil	II/complete the "Desig	n" deliverables in	2 Independently fulfi	Independently fulfill/complete the "Installation" & "Check Out"		
	to independently recommend and docum		accordance with the m			deliverables in accorda	•		
	native action(s) needed to meet the client		Work (SOW), including	•		Statement of Work (SC		•	
achieve the intend	led purpose to mitigate associated resou	rce concerns for two	Sheet(s), Implementat	ion Requirements, or o	comparable SWCC				
different Planning	Land Units (PLU).		practice specification s	sheet(s).		3. Independently com			
						certification activities	=		
1 '	ppropriate "CONSERVATION PLANNING (·	I '		·	("Conservation Practic	e Certification Form")	or comparable form.	
	CIAL ENVIRONMENTAL CONCERNS CHECK parable form, and ALL applicable resource	•	through P or comparal	ble site assessment for	m.				
1 '	ediction tools, calculations, surveys, and	•							
	ment existing resource conditions, resou	•							
· ·	erm effects of proposed alternatives.	,							
~									

			Closure of Aban	uonea waste impoundment		A	ITACITIVILIVI	0.0
	PRACTICE DESCRIPTIO	N				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
360	Closure Impoundment	Storage After Closure *	Gallons	0				
			TECHNICAL CO	DMPETENCY REQUIREMENTS				
	Prerequisites				Practice Know	vledge, Skills, Abilities (K	SAs)	
the specified number JAA. 2. Working knowledge BMP policies. 3. Working Knowledge 4. Working knowledge 5. NCSU Nutrient Marnutrient management Rules and Regulations the exams given at the 6. Working knowledge 7. JAA for Code 590, N. 8. Waste Utilization P. 9. Working knowledge 9. Working knowledge 9. Working knowledge 9. Working knowledge 9.	Ifill ALL the Technical Competency Requir of plans for review for the highest level of plans for review for the highest level of e of SWCC JAA Policy and Procedures, apple of Web Soil Survey, Suitabilities and Line in the analysis and interpretation of soil nagement in NC Course which includes: (1 t-related course work, including PLAT, RU is Governing Animal Waste Management in e conclusion of each section. e in the Agricultural Waste Management Nutrient Management. Planning/Nutrient Management (WUP/NN) e of practices needed to control erosion covater is to be maintained after verification	f complexity for which complexity for which plicable conservation positive and waste analys the online prerequision NC training, along with the online present the field Handbook (Title 2) Technical Specialist In disturbed areas (Sta	is results. te; (2) 5-days of nings; and (3) NC ith a passing score on 210, Part 651). Designation. ndard 342).	1. Ability to perform a sludge surve 2. Ability to collect soil samples and 3. Knowledge of NC's crops and cro 4. Knowledge of tillage systems use 5. Knowledge to assess the risk of n Hydrologic Group (SHG)-based LI in 6. Ability to perform Nitrogen and F Planning Software. 7. Ability to assess site soil conditio 8. Knowledge of manure characteri 9. Ability to read, interpret, and use 10. Skill for development of related to geology, soil mechanics, hydraul 11. Certification the installation me permits (NEM Part 505 – Non-NRCS)	interpret soil test report pping systems. d in NC. ditrogen leaching loss, the dex maps in Section II of Phosphorus Risk Assesson and prescribe treatm stics and nutrient values waste impoundment as computations and anal- ics, structural design, ve ets applicable standards	e nitrogen Leaching Index the NC FOTG OR RUSLE 2 nents using NCANAT (NLE ent and the appropriate v is. s-built designs to develop yses to develop closure pl getation, and soil bioenging and specifications and is	s, obtained through use P field specific soil loss ca W+PLAT) in the NC Nutri- egetation. a closure plan. ans and specifications incering. in compliance with	lculations. ent Management

in storage of resh water is to be maintained after verification of waste removal,		
with spillway design and 360 JAA is not applicable.		
	PRACTICE PHASES	
INVENTORY AND EVALUATION (I&E)	DESIGN (D)	CONSTRUCTION & CERTIFICATION (C&C)
 Independently complete a minimum of two I&E packets on separate Planning Land Units (PLU) to indentify and document resource concerns using the latest NRCS-CPA -52 Form (or equivalent) and GIS mapping tools (i.e. ArcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps of land application fields. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable site assessment form to independently recommend and document resource alternatives/alternative action(s) needed to meet the client's objective and achieve the intended purpose to mitigate associated resource concerns for two different Planning Land Units (PLU). Independently complete a minimum of two sludge surveys on separate Planning Land Units (PLU) to identify and document resource needs and concerns. Collect the appropriate Soil Samples and RUSLE field data on each land application field to receive animal waste to identify and document resource needs and concerns. Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS CHECKLIST (see EFOTG, Section II) or comparable form, and ALL applicable resource assessments tools, such as erosion prediction tools, calculations, surveys, and soils investigations necessary to document existing resource conditions, resource concerns, and short-term/long term effects of proposed alternatives. 	with the most recent eFOTG practice Statement of Work (SOW), including O&M guidance, and any applicable Job Sheet(s), Implementation Requirements, or comparable SWCC practice specification sheet(s). 3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A through P or comparable site assessment form.	Independently complete a minimum of two construction/certification "check-outs" for the desired practice on separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP policy and NRCS 360 standard. Independently fullfull/complete the "Installation" & "Check Out" deliverables in accordance with the most recent eFOTG practice State of Work (SOW) or comparable SWCC forms(s). Independently compile, record, and complete practice certification activities using the latest NC-CPA-09 Form ("Conservation Practice Certification Form") or Comparable form. Independently complete a minimum of two NC DWR Animal Waste Storage Pond and Lagoon Closure Report forms on separte Planning Land Units (PLU) in accordance with NC DWR policies.

CONSERVATION COVER

	PRACTICE DESCR	IPTION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
327	Conservation Cover	Purpose	Туре	All				
			TECHNICAL COM	PETENCY REQUIREMENT	rs	4 .		
	Prerequisit	es			Practic	e Knowledge, Skills, Abiliti	es (KSAs)	
submit the specified n 2. Working knowledg and BMP policies.	fill ALL the Technical Competency umber of plans for review to receive of SWCC JAA Policy and Procedulete "The NRCS-CPA-52 Environme	tion practice standard,	4. Knowledge of Tillag	Crops and Cropping : Health and Managem ent Wind and Water E ge Systems used in No	Systems. ent. rosion Prediction Tools.			
			PRA	CTICE PHASES				
	INVENTORY AND EVALUATION (I&E	•		DESIGN (D)		CONSTR	UCTION & CERTIFICATIO	N (C&C)
Planning Land Units (If the latest NRCS-CPA-5 ArcMap, Toolkit, or Co. 2. Use the latest NRC assessment form to in alternatives/alternativachieve the intended different Planning Land 3. Complete the appr CONCERNS & SPECIAL Section II) or comparasuch as erosion predictionecessary to documer	aplete a minimum of two l&E pack PLU) to identify and document resolute form (or equivalent) and GIS may be accepted by the develop CS-CPA-52 (Sections A thru P) or condependently recommend and docive action(s) needed to meet the clipurpose to mitigate associated resolutes (PLU). Opriate "CONSERVATION PLANNIN ENVIRONMENTAL CONCERNS CHE ble form, and ALL applicable resolution tools, calculations, surveys, and existing resource conditions, reseffects of proposed alternatives.	purce concerns using apping tools (i.e. onservation Plan Maps. mparable site ument resource ent's objective and cource concerns for two GC CRITERIA, RESOURCE ECKLIST (see EFOTG, urce assessments tools, and soils investigations	Planning Land Units (P SWCC BMP standard a 2. Independently fulfil accordance with the m Work (SOW), including Sheet(s), Implementat practice specification s 3. Completion of the I	for the desired practic LU) in accordance with nd policies. Il/complete the "Designost recent eFOTG practic GO&M guidance, and a ion Requirements, or cosheet(s).	e on separate the most recent "deliverables in ctice Statement of my applicable Job comparable SWCC	separate Planning Lan recent SWCC BMP star 2. Independently fulfi deliverables in accorda Statement of Work (SC 3. Independently com certification activities	.ion "check-outs" for the dunits (PLU) in accorded and policies. Il/complete the "Instaled ance with the most record or comparable SW	lation" & "Check Out" ent eFOTG practice //CC form(s).

COVER CROP

	PRACTICE DESCR	IPTION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class V	
340	Cover Crop	Species Planted (Species Mix)	Number	All				
			TECHNICAL COM	PETENCY REQUIREMEN	TS			
	Prerequisit	es			Practice	Knowledge, Skills, Abiliti	ies (KSAs)	
submit the specific 2. Working knowl and BMP policies.	fulfill ALL the Technical Competency ed number of plans for review to rece edge of SWCC JAA Policy and Procedus omplete "The NRCS-CPA-52 Environment."	tion practice standard,	 Knowledge of Soil Ability to use Curr Knowledge of Tilla Knowledge of Adap Knowledge of Appi Working knowledge 	ge Systems used in NC ptive Species of Cover	ent. rosion Prediction Tools Crops for Planned Purp. Times and Methods of T Crops Profitability".	oses in NC.	Crops.	
			PRA	CTICE PHASES				
	INVENTORY AND EVALUATION (I&E)		DESIGN (D)		CONSTRUCTION & CERTIFICATION (C&C)		
Planning Land Unithe latest NRCS-CF ArcMap, Toolkit, of the latest Nassessment form the latest Nassessment form the laternatives/alternatives/alternatives/alternatives the intendifferent Planning CONCERNS & SPECS Section II) or compact as erosion princessary to docu	complete a minimum of two I&E pack ts (PLU) to identify and document residents (PLU) to identify and document residents. PA-52 Form (or equivalent) and GIS may reconservation Desktop) to develop Conference (Sections A thru P) or conference (Sections A thru P) or conference action(s) needed to meet the conference to mitigate associated resided purpose to mitigate asso	purce concerns using apping tools (i.e. onservation Plan Maps. Imparable site aument resource lent's objective and source concerns for two lent's (i.e. onservation). The concerns for two lent's experiment resource concerns for two lent's experiment for	2. Independently fulfi accordance with the n Work (SOW), including Sheet(s), Implementat practice specification s	for the desired practic (LU) in accordance with and policies. II/complete the "Designost recent eFOTG prago&M guidance, and a ion Requirements, or a sheet(s).	te on separate th the most recent on" deliverables in ctice Statement of any applicable Job comparable SWCC	construction/certifications separate Planning Lan recent SWCC BMP sta 2. Independently fulfideliverables in accord Statement of Work (Statement of Work (Statement of Work and Certification activities)	nplete a minimum of twition "check-outs" for the desired units (PLU) in according to the desired and policies. Ill/complete the "Instal ance with the most redow) or comparable SV inpile, record, and compusing the latest NC-CP is Certification Form")	ne desired practice on dance with the most llation" & "Check Out" tent eFOTG practice VCC form(s).

CROPLAND CONVERSION

	PRACTICE DESCRIF	PTION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
512	Cropland Conversion	Cover Type	-	-	-	-	-	-
		Pasture and Hayland	Ac.	ALL				
		Tree/Shrub	Ac.	ALL				
		Wildlife Habitat	Ac.	ALL				
		-	TECHNICAL COM	MPETENCY REQUIREMENT	TS	1	-	-
	Prerequisites				Practic	e Knowledge, Skills, Abilit	ies (KSAs)	
submit the specif 2. Working know and BMP policies.	omplete "The NRCS-CPA-52 Environmen	e JAA. es, applicable conservati	ion practice standard,	2. Skill in planning the practice/operation/si	e planting protocols ar	logical sites/forage suit		
			PRA	ACTICE PHASES				
	INVENTORY AND EVALUATION (I&E)			DESIGN (D)			RUCTION & CERTIFICATION	· · · · · · · · · · · · · · · · · · ·
Planning Land Un the latest NRCS-C ArcMap, Toolkit, 2. Use the latest assessment form alternatives/alter achieve the intendifferent Planning 3. Complete the CONCERNS & SPE Section II) or com such as erosion pnecessary to docu	complete a minimum of two I&E packet its (PLU) to identify and document resout PA-52 Form (or equivalent) and GIS map or Conservation Desktop) to develop Control of the conservation Desktop of the conservation Desktop or C	price concerns using oping tools (i.e. nservation Plan Maps. parable site ment resource nt's objective and urce concerns for two G CRITERIA, RESOURCE CKLIST (see EFOTG, ce assessments tools, d soils investigations	designs/specifications Planning Land Units (P SWCC BMP standard a 2. Independently fulfi accordance with the n Work (SOW), including Sheet(s), Implementat practice specification s 3. Completion of the l	Il/complete the "Desig nost recent eFOTG prace g O&M guidance, and a cion Requirements, or c sheet(s).	n the most recent n" deliverables in ctice Statement of any applicable Job comparable SWCC	construction/certifical separate Planning Lar recent SWCC BMP states. 2. Independently fulf deliverables in accord Statement of Work (Statement o	nplete a minimum of tw tion "check-outs" for the ad Units (PLU) in accord andard and policies. fill/complete the "Instal lance with the most red (OW) or comparable SV inpile, record, and comp using the latest NC-CP ce Certification Form")	ne desired practice or lance with the most lation" & "Check Out ent eFOTG practice VCC form(s). olete practice A-09 Form

DIVERSION

	PRACTICE DESCR	IPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
362	Diversion	Purpose	Туре	All					
			TECHNICAL COM	PETENCY REQUIREMEN	ITS				
	Prerequisite				Practice	Knowledge, Skills, Abiliti	es (KSAs)		
	fulfill ALL the Technical Competency F	•	this practice, and	 Knowledge of NRCS Construction Specification 21 - Excavation and 23 - Earthfill. Ability to Assess site soil conditions and prescribe treatment and the appropriate vegetation. 					
1	d number of plans for review for to re					ribe treatment and the ap nalyses to develop plans ar		t but not limited to	
_	edge of SWCC JAA Policy and Procedu	res, applicable conserva	tion practice standard,	· ·	•	l considerations, and outle	•	s but not innited to	
and BMP policies.	mplete "The NRCS-CPA-52 Environme	ntal Evaluation Workshe	et" or comparable			ity safety policy (NEM Part		Engineering Activities	
site assessment for	'	intal Evaluation Workship	set of comparable	Affecting Utilities 503.0	,				
	edge of Web Soil Survey, Suitabilities a	and Limitations Ratings.		5. Development of as-b 512.52).	ouilt or "red-line" drawing	gs (NEM Part 512, Constru	ction, Subpart F – As-built	ts, 512.50 through	
5. Capability to pe	rform layout and construction checkir	ng following applicable p	procedures and	· '	allation meets applicable	standards and specification	ons and is in compliance v	with permits (NEM Part	
Notekeeping forma	at contained in Technical Release 62.				eering Services, Subpart A	•		(
			DDA	CTICE PHASES					
	INVENTORY AND EVALUATION (I&E	1	T N.C.	DESIGN (D)		CONSTRUCTION & CERTIFICATION (C&C)			
1. Independently of	complete a minimum of two I&E packe		1. Independently com		WO		nplete a minimum of tw	, ,	
1 ' '	s (PLU) to identify and document reso	designs/specifications for the desired practice on separate construction/certification "check-ou				•			
the latest NRCS-CP	A-52 Form (or equivalent) and GIS ma	Planning Land Units (P	LU) in accordance with	h the most recent	separate Planning Lan	d Units (PLU) in accord	lance with the most		
ArcMap, Toolkit, o	Conservation Desktop) to develop Co	onservation Plan Maps.	SWCC BMP standard a	nd policies.		recent SWCC BMP star	ndard and policies.		
2 Use the latest N	RCS-CPA-52 (Sections A thru P) or con	nnarahla sita	2 Independently fulfi	//complete the "Desig	rn" deliverables in	2 Independently fulfi	ill/complete the "Instal	lation" & "Chack Out"	
1	o independently recommend and doc	•	2. Independently fulfill/complete the "Design" deliverables in accordance with the most recent eFOTG practice Statement of deliverables in accordance with the most recent e						
	ative action(s) needed to meet the cli		Work (SOW), including				OW) or comparable SW		
achieve the intend	ed purpose to mitigate associated res	ource concerns for two	Sheet(s), Implementat	ion Requirements, or	comparable SWCC	, i	,	.,	
different Planning	Land Units (PLU).		practice specification s	sheet(s).		· · · ·	pile, record, and comp	•	
							using the latest NC-CP		
1 '	opropriate "CONSERVATION PLANNIN	·			•	("Conservation Practic	ce Certification Form")	or comparable form.	
	IAL ENVIRONMENTAL CONCERNS CHE	,	through P or compara	ble site assessment foi	rm.				
1 '	arable form, and ALL applicable resouediction tools, calculations, surveys, ar	•							
1		ŭ							
1 '	necessary to document existing resource conditions, resource concerns, and short-term/long term effects of proposed alternatives.								
	short-term/hong term effects of proposed afternatives.								

FIELD BORDER

	PRACTICE DESCRI	PTION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
386	Field Border	Purpose	Туре	All				
·		•	TECHNICAL COM	PETENCY REQUIREMEN	ГS			
	Prerequisite				Practic	e Knowledge, Skills, Abilitie	es (KSAs)	
	fill ALL the Technical Competency F		this practice, and	1. Knowledge of Vege				
submit the specified r	number of plans for review to receive	ve JAA.		· '		nd Apply Field Borders.	Dallington	
and BMP policies. 3. Capability to comp	e of SWCC JAA Policy and Procedur			5. Knowledge of Spec	es and vegetation ivi	anagement for Wildlife 8	x Polilliators.	
site assessment form.								
			PRA	ACTICE PHASES		T		
4 1 1 1 1	• ,		Independently com	DESIGN (D)		1. Independently com	UCTION & CERTIFICATIO	, ,
Planning Land Units (If the latest NRCS-CPA-5 ArcMap, Toolkit, or Co. 2. Use the latest NRC assessment form to in alternatives/alternativachieve the intended different Planning Land 3. Complete the appr CONCERNS & SPECIAL Section II) or comparasuch as erosion predictionecessary to documer	Planning Land Units (PLU) to identify and document resource concerns using the latest NRCS-CPA-52 Form (or equivalent) and GIS mapping tools (i.e. ArcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps. 2. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable site assessment form to independently recommend and document resource alternatives/alternative action(s) needed to meet the client's objective and achieve the intended purpose to mitigate associated resource concerns for two different Planning Land Units (PLU). 3. Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE 3			for the desired practice that in accordance with and policies. Il/complete the "Designost recent eFOTG practice gO&M guidance, and a sion Requirements, or cosheet(s).	e on separate in the most recent "" deliverables in ctice Statement of iny applicable Job comparable SWCC	construction/certificat separate Planning Land recent SWCC BMP star 2. Independently fulfil deliverables in accorda Statement of Work (SC 3. Independently com certification activities of ("Conservation Practic	ion "check-outs" for the Units (PLU) in accorded and policies. I/complete the "Instal ance with the most recow) or comparable SW pile, record, and compusing the latest NC-CP/	le desired practice on ance with the most lation" & "Check Out" ent eFOTG practice /CC form(s).

FILTER STRIP

	PRACTICE DESCR	IPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
393	Filter Strip	Area	Acres	All					
·			TECHNICAL CON	PETENCY REQUIREMEN	тs				
	Prerequisite	es			Practic	e Knowledge, Skills, Abiliti	es (KSAs)		
	II ALL the Technical Competency I Imber of plans for review to recei		this practice, and	 Knowledge of Vege Ability to Assess Sit 		•			
and BMP policies. 3. Capability to comple site assessment form. 4. Working knowledge 5. Working knowledge	of SWCC JAA Policy and Proceducte "The NRCS-CPA-52 Environme using the Excel Filter Strip Lifespa of the application of Agronomy Teffectiveness of Vegetative Filter S	ntal Evaluation Workshon In Design Spreadsheet. In Becknical Note no. 2 Usir	eet" or comparable		Management Needed	to Attain the Purpose(s)			
			PRA	ACTICE PHASES					
	INVENTORY AND EVALUATION (I&E			DESIGN (D)		CONSTRUCTION & CERTIFICATION (C&C)			
Planning Land Units (PL the latest NRCS-CPA-52 ArcMap, Toolkit, or Cor 2. Use the latest NRCS-assessment form to indalternatives/alternatives achieve the intended p different Planning Land 3. Complete the appro CONCERNS & SPECIAL E Section II) or comparate such as erosion predict necessary to document	INVENTORY AND EVALUATION (I&E) Independently complete a minimum of two I&E packets on separate Planning Land Units (PLU) to identify and document resource concerns using he latest NRCS-CPA-52 Form (or equivalent) and GIS mapping tools (i.e. SurcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable site assessment form to independently recommend and document resource liternatives/alternative action(s) needed to meet the client's objective and schieve the intended purpose to mitigate associated resource concerns for two liferent Planning Land Units (PLU). Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS CHECKLIST (see EFOTG, section II) or comparable form, and ALL applicable resource assessments tools, uch as erosion prediction tools, calculations, surveys, and soils investigations recessary to document existing resource conditions, resource concerns, and hort-term/long term effects of proposed alternatives.				e on separate in the most recent n" deliverables in ctice Statement of any applicable Job comparable SWCC orksheet, Sections A	1. Independently com construction/certificat separate Planning Langrecent SWCC BMP star 2. Independently fulfit deliverables in accorda Statement of Work (SC 3. Independently com certification activities ("Conservation Practic 4. Plan specification m Lifespan Design Spread	ion "check-outs" for the Units (PLU) in accorded units (PLU) in accorded and policies. Il/complete the "Installed ance with the most recow) or comparable SW pile, record, and compusing the latest NC-CPA is a Certification Form") of the ust include use of the	e desired practice on ance with the most ation" & "Check Out" ent eFOTG practice (CC form(s). lete practice A-09 Form or comparable form.	

			GIADE STAD	ILIZATION STRUCTO			ATTACHIVIEN	11 0.0
	PRACTICE DESCRI	PTION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
410	Grade Stabilization Structure	Hazard Class Effective Height (EH) Storage x EH Drainage Area Conduit Diameter	feet acre-feet ² acres inches	A 15 500 100 12	A 20 1,000 400 24	A 25 2,000 1,000 36	A 30 2,500 2,500 42	A 35 3,000 4,000 48
			TECHNICAL CON	L MPETENCY REQUIREMEN		30		
	Prerequisite	<u> </u>			Practice	Knowledge, Skills, Abiliti	es (KSAs)	
submit the specifi 2. Working knowl standard, and BM 3. Capability to co site assessment fo 4. Working knowl 5. Capability to pe	omplete "The NRCS-CPA-52 Environme	eceive JAA. res, applicable conserv ental Evaluation Worksl and Limitations Ratings	ation practice neet" or comparable	 Knowledge of struct drops. Development of relageology, soil mechanics Compliance with NR Affecting Utilities 503.0 Development of as-1512.52). Certification the inst 	tures including embankm ated computations and a s, hydrology, hydraulics, RCS national and state ut 00 through 503.06). built or "red-line" drawin tallation meets applicabl	on 21 - Excavation and 23 nents, full-flow open type, analyses to develop plans structural design, vegetat ility safety policy (NEM Pangs (NEM Part 512, Constructural design) structural design and specifical part A - Introduction, 505	island type, side inlet, or and specifications includi ion, environmental and art 503-Safety, Subpart A ruction, Subpart F – As-b	ing but not limited to safety considerations Engineering Activitie uilts, 512.50 through
			PR/	ACTICE PHASES	ingineering services, sub	part introduction, 505		
	INVENTORY AND EVALUATION (I&E)			DESIGN (D)		CONSTR	UCTION & CERTIFICATION	ON (C&C)
Planning Land Unithe latest NRCS-Cl ArcMap, Toolkit, of Maps. 2. Use the latest It assessment form alternatives/alternatives/alternatives different Planta. 3. Complete the attentative Conce (see EFOTG, Section assessments tools soils investigation)	complete a minimum of two I&E pack its (PLU) to identify and document reso PA-52 Form (or equivalent) and GIS may reconservation Desktop) to develop Conservation and documentiate action(s) needed to meet the clip ded purpose to mitigate associated resoning Land Units (PLU). Suppropriate "CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION OF COMPARISHED CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION TO COMPARISHED CONSERVATION TO COMPARISHED CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION TO COMPARISHED CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION TO COMPARISHED CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION TO COMPARISHED CONSERVATION TO COMPARISHED CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION TO COMPARISHED CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION TO COMPARISHED CONSERVATION TO COMPARISHED CONSERVATION PLANNINGENS & SPECIAL ENVIRONMENTAL CONSERVATION TO COMPARISHED CONSERVATION TO COMPARISHED CONSERVATION TO COMPARISH TO TO COMPARI	purce concerns using apping tools (i.e. conservation Plan imparable site resource tent's objective and cource concerns for inscription of the course of the cource concerns for inscription of the cource concerns for inscription of the cource course of the cource course of the cource course of the cour	designs/specification Planning Land Units (SWCC BMP standard 2. Independently full accordance with the Work (SOW), includir Sheet(s), Implementa practice specification 3. Completion of the	fill/complete the "Desi most recent eFOTG pra ng O&M guidance, and ation Requirements, or	ice on separate th the most recent ign" deliverables in actice Statement of any applicable Job r comparable SWCC	1. Independently conconstruction/certification separate Planning most recent SWCC BN 2. Independently fulf Out" deliverables in a practice Statement of 3. Independently concertification activities ("Conservation Practic	Tion "check-outs" for the Land Units (PLU) in acomplete the "Instactor of the Land Units (PLU) in acomplete the "Instactor of the Land Units (SOW) or complete, record, and complete, record, and complete.	the desired practice cordance with the es. Allation" & "Check ost recent eFOTG arable SWCC form(s) Plete practice PA-09 Form

							,			
	PRACTICE DESCRI	PTION				JOB CLASSES				
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV Job Class IV Job Class III Job Class IV Job Class III Job Class IV Job Class IV Job Class III Job Class IV Job Class III Job Class IV Job Class III Job Class II Job	Job Class V		
412	Grassed Waterway	Purpose	Туре	All						
			TECHNICAL CON	PETENCY REQUIREMEN	TS					
	Prerequisite	S		Practice Knowledge, Skills, Abilities (KSAs)						
	t fulfill ALL the Technical Competency	•	r this practice, and			on 21 - Excavation and 23				
1	ed number of plans for review for to r					off from terraces, diversion	ons, or other water conce	entrations without		
-	ledge of SWCC JAA Policy and Procedu	res, applicable conserv	ation practice	causing erosion or flooding. 3. Development of related computations and analyses to develop plans and specifications including but not limited to						
standard, and BM	•			•	•		•	•		
	omplete "The NRCS-CPA-52 Environme 	ental Evaluation Works	heet" or comparable	capacity and stability.		,	•	,		
site assessment fo	orm. ledge of Web Soil Survey, Suitabilities	and Limitations Bating				ility safety policy (NEM P	art 503-Safety, Subpart A	- Engineering Activities		
•	erform layout and construction checki	J		Affecting Utilities 503.0	0 ,					
	nat contained in Technical Release 62.	ing ronowing applicable	procedures and	5. Development of as-t	ouilt or "red-line" drawir	igs (NEM Part 512, Const	ruction, Subpart F – As-b	uilts, 512.50 through		
rtotekeeping rom	iat contained in recimical Neleuse 52.			,	allation meets applicabl	e standards and specifica	itions and is in compliance	ce with permits (NEM		
			PRA	ACTICE PHASES						
	INVENTORY AND EVALUATION (I&E			DESIGN (D)		CONSTR	RUCTION & CERTIFICATION	ON (C&C)		
1. Independently	Independently complete a minimum of two I&E packets on separate		Independently complete a minimum of two			Independently complete a minimum of two				
Planning Land Un	anning Land Units (PLU) to identify and document resource concerns using		designs/specifications for the desired practice on separate			construction/certification "check-outs" for the desired practice				
the latest NRCS-C	PA-52 Form (or equivalent) and GIS m	apping tools (i.e.	Planning Land Units (nning Land Units (PLU) in accordance with the most recent on separate Planning Land Units (PLU) in accordance			cordance with the			
ArcMap, Toolkit, o	or Conservation Desktop) to develop C	onservation Plan	SWCC BMP standard	1P standard and policies. most recent SWCC BMP standard and policies.			es.			
Maps.										
				ill/complete the "Designation of the complete the complet	-	· · ·	•			
	NRCS-CPA-52 (Sections A thru P) or co	•		most recent eFOTG pra						
	to independently recommend and do			g O&M guidance, and		practice Statement of	f Work (SOW) or comp	parable SWCC form(s).		
	native action(s) needed to meet the cl ded purpose to mitigate associated re:		practice specification	tion Requirements, or	comparable SWCC	2 Indopondently cor	mails record and com	nloto practico		
	ning Land Units (PLU).	source concerns for	practice specification	sneer(s).						
two different Flan	ining Land Offics (PLO).		3 Completion of the	latest NRCS-CPA-52 W	Inrksheet Sections A		-			
3 Complete the a	appropriate "CONSERVATION PLANNIN	IG CRITERIA	•	able site assessment fo		Conscivation racti	cc certification roini	, or comparable form.		
	ERNS & SPECIAL ENVIRONMENTAL CO	·	lineagn or compare	able site assessifient to						
	on II) or comparable form, and ALL ap									
	s, such as erosion prediction tools, calo									
soils investigation	s necessary to document existing reso	urce conditions,								
resource concerns	s, and short-term/long term effects of	proposed alternatives.								

HEAVY USE AREA PROTECTION

	PRACTICE DESCRI	IPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
561	Heavy Use Area Protection	Material	Туре	Stone	Concrete				
		Land Slope	%	< 5%	5-15%	>15% = PE Only			
			TECHNICAL COM	PETENCY REQUIREMEN	TS				
	Prerequisite	es		Practice Knowledge, Skills, Abilities (KSAs)					
submit the specification of the control of the cont	t fulfill ALL the Technical Competency ied number of plans for review for to r ledge of SWCC JAA Policy and Procedu IP policies. omplete "The NRCS-CPA-52 Environme	Requirements listed for eccive JAA. Irres, applicable conservental Evaluation Workshand Limitations Ratings ng following applicable concerns using apping tools (i.e. conservation Plan experience) Imparable site cument resource ient's objective and source concerns for experience concerns for experience concerns for experience concerns for experience concerns concerns for experience concerns concerns for experience concerns concern	PRA 1. Independently condesigns/specifications Planning Land Units (I SWCC BMP standard at 2. Independently fulf accordance with the r Work (SOW), includin Sheet(s), Implementa practice specification 3. Completion of the	2. Ability to Assess site 3. Practice standard cri- limited to standard drav 561_NC_GD_Heavy_Us 4. Compliance with NR Affecting Utilities 503.0 5. Development of as-b 512.52). 6. Certification the inst- Part 505 – Non-NRCS Er CCTICE PHASES DESIGN (D) Inplete a minimum of to 5 for the desired practic PLU) in accordance with and policies. Till/complete the "Designost recent eFOTG pra g O&M guidance, and tion Requirements, or	Construction Specificati soil conditions and pres teria-related computati wing(s) or other approv e_Area_ProtectionFeed CS national and state ut 0 through 503.06). nuilt or "red-line" drawi allation meets applicab ngineering Services, Sub wo ce on separate h the most recent gn" deliverables in ctice Statement of any applicable Job comparable SWCC orksheet, Sections A	on 21 - Excavation and 23 scribe treatment and the a ons and analyses to develor desire-specific drawing(s) ling_Site_Assessment_Too illity safety policy (NEM Pangs (NEM Part 512, Construction) le standards and specificat part A - Introduction, 505.	- Earthfill. ppropriate vegetation. pp plans and specification and the NC approved sp Lv_7_2015.xlxs or equivant 503-Safety, Subpart A uction, Subpart F – As-bi ions and is in compliance 3). JCTION & CERTIFICATION plete a minimum of to the compliance of the complete and policies Il/complete the "Instate coordance with the meaning work (SOW) or complete, record, and compusing the latest NC-CF	oreadsheet valent Engineering Activities uilts, 512.50 through e with permits (NEM ON (C&C) wo he desired practice cordance with the es. uillation" & "Check ost recent eFOTG arable SWCC form(s).	

	PRACTICE DI	ESCRIPTION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
590-LBR	Biosolids Removal	Nutrient Source, Application Method and/or Special Conditions	Туре	All				
			TECHNICAL C	OMPETENCY REQUIREMENTS				
	Prerequ	uisites			Practice Know	vledge, Skills, Abilities (K	SAs)	
the specified num plans for review for 2. Working knowled and BMP policies. 3. Working Knowled 4. Working knowled 5. NCSU Nutrient nutrient managen Rules and Regulat on the exams give 6. Working knowled	or the highest level of complexity for edge of SWCC JAA Policy and Proced edge of Web Soil Survey, Suitabiliti edge in the analysis and interpretat Management in NC Course which in nent-related course work, including tions Governing Animal Waste Mana en at the conclusion of each section. edge in the Agricultural Waste Mana	or which they wish to receive J dures, applicable conservation ies and Limitations Ratings tion of soil test and waste anal ncludes: (1) the online prerequ g PLAT, RUSLE2 and software to agement in NC training, along	AA. practice standard, ysis results. isite; (2) 5-days of rainings; and (3) NC with a passing score	2. Ability to collect soil samples an 3. Knowledge of NC's crops and cro 4. Knowledge of tillage systems us 5. Knowledge to assess the risk of Hydrologic Group (SHG)-based LI in 6. Ability to perform Nitrogen and Planning Software. 7. Ability to assess site soil condition 8. Knowledge of manure character 9. Ability to read, interpret, and us 10. Skill for development of relate but not limited to geology, soil me	d interpret soil test repropping systems. ed in NC. nitrogen leaching loss, t ndex maps in Section II Phosphorus Risk Assess ons and prescribe treatr ristics and nutrient values waste impoundment d computations and analychanics, stru	he nitrogen Leaching Indo of the NC FOTG OR RUSLE ments using NCANAT (NL ment and the appropriate es. as-built designs to develo slyses to develop a biosol ictural design, vegetation	ex, obtained through us 2 field specific soil loss EW+PLAT) in the NC Nu vegetation. up a removal plan. ids removal plan and spo , and soil bioengineering	calculations. Trient Management ecifications including
7. JAA for Code 59	90, Nutrient Management			11. Certification the installation m	eets applicable standard	ds and specifications and	is in compliance with	
	INVENTORY AND EVALUATION	1 (18.E)	<u>'</u>	PRACTICE PHASES DESIGN (D)		CONSTR	UCTION & CERTIFICATION	ON (C&C)
separate Planning using the latest NI ArcMap, Toolkit, oland application fi 2. Use the latest N form to independent alternatives/altern client's objective resource concerns 3. Independently Planning Land Uni 4. Collect the appli	complete a minimum of two I&E pa ; Land Units (PLU) to indentify and c RCS-CPA -52 Form (or equivalent) ar or Conservation Desktop) to develop	ickets on document resource concerns and GIS mapping tools (i.e. p Conservation Plan Maps of comparable site assessment esource to mitigate associated anits (PLU). esurveys on separate resource needs and concerns. and data on each land	management plans or with the most recent in Remvoal BMP and Pol and associated setback results, copper and zing removal methodology 2. Independently fulfill with the most recent in O&M guidance, and a Requirements, or com	plete a minimum of two Biosolic in separte Planning Land Units (Plan NRCS 590 Standard and SWCC Laicies. Plans should include mapsite, sludge survey information, since projections and narrative exposite. Plans the "Design" deliver eFOTG practice Statement of Wony applicable Job Sheet(s), Implesparable SWCC practice specificatest NRCS-CPA-52 Worksheet, Statement, Statement	LU) in accordance agoon Biosolids so of application fields oil samples, PLAT laining biosolids ables in accordance ork (SOW), including ementation sheet(s).	Independently complete construction/certification separate Planning Land SWCC BMP policy and Note that the construction of Lander of Work (SOW) or composition of Lander of	ete a minimum of two on "check-outs" for the c Units (PLU) in accordant IRCS 590 standard. //complete the "Installat ace with the most recent arable SWCC forms(s). le, record, and complete t NC-CPA-09 Form ("Cor	lesired practice on the with the most recent ion" & "Check Out" reFOTG practice State

LAND SMOOTHING

	PRACTICE DES	CRIPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
466	Land Smoothing	Area affected	Acres	0-10 acres	>10 acres				
			TECHNICAL COM	PETENCY REQUIREMEN	ITS				
	Prerequis	sites			Practice	Knowledge, Skills, Abilit	ies (KSAs)		
1. Employee must ful	Ifill ALL the Technical Competen	cy Requirements listed fo	or this practice, and	1. Knowledge of NC'	s Crops and Cropping	Systems.			
submit the specified r	number of plans for review to re	eceive JAA.		Ŭ	Health and Managen				
				·		Erosion Prediction Tool	5.		
	ge of SWCC JAA Policy and Proce	dures, applicable conserv	ation practice						
standard, and BMP po	olicies.			5. Knowledge of water budget, especially on volumes and rates of runoff, infiltration, and evaporation. 6. Knowledge of wetland hydrology and/or wetland wildlife habitat.					
2 6	Late (ITIE AND CO CDA FO For the		b	_				502.00	
1 ' ' '	Capability to complete "The NRCS-CPA-52 Environmental Evaluation Wore assessment form. INVENTORY AND EVALUATION (I&E)			·	NRCS national and stat	e utility safety policy (N	IEM part 503-Safety, S	ection 503.00	
site assessment form.				through 503.22).					
			DDA	ACTICE PHASES					
	INVENTORY AND EVALUATION (I	Ø.F)	PKA	DESIGN (D)		CONSTR	LICTION & CERTIFICATIO	N (C&C)	
1 Independently con				nplete a minimum of t	TWO		construction & CERTIFICATION (C&C) ependently complete a minimum of two		
· · · · · ·							construction/certification "check-outs" for the desired practice		
-	52 Form (or equivalent) and GIS	-	Planning Land Units (PLU) in accordance with the most recent			on separate Planning Land Units (PLU) in accordance with the			
	onservation Desktop) to develop		SWCC BMP standard and policies. most recent SWCC BMP stan						
Maps.									
1 '			2. Independently fulfill/complete the "Design" deliverables in 2. Independently fulfill/complete				ill/complete the "Insta	allation" & "Check	
2. Use the latest NRC	S-CPA-52 (Sections A thru P) or	comparable site	accordance with the r	most recent eFOTG pra	actice Statement of	Out" deliverables in a	ccordance with the me	ost recent eFOTG	
assessment form to ir	ndependently recommend and o	document resource	Work (SOW), includin	g O&M guidance, and	any applicable Job	practice Statement of	Work (SOW) or comp	arable SWCC form(s).	
alternatives/alternation	ve action(s) needed to meet the	e client's objective and	Sheet(s), Implementa	tion Requirements, or	comparable SWCC				
	$purpose\ to\ mitigate\ associated$	resource concerns for	practice specification	sheet(s).		· · ·	npile, record, and com		
two different Planning	g Land Units (PLU).					certification activities	-		
			3. Completion of the			("Conservation Praction	ce Certification Form")	or comparable form.	
	ropriate "CONSERVATION PLANI	·	through P or compara	able site assessment fo	orm.				
	S & SPECIAL ENVIRONMENTAL C								
	I) or comparable form, and ALL a	• •							
	ch as erosion prediction tools, c ecessary to document existing re								
_	nd short-term/long term effects	•							
resource concerns, an	ia shore termylong term effects	or proposed diternatives.							
L						1			

LIVESTOCK EXCLUSION FENCE

	PRACTICE DESCRIP	TION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
382	Livestock Exclusion Fence	Fence type and land slope	Type, %	All					
			TECHNICAL COM	PETENCY REQUIREMEN	TS				
	Prerequisites				Practice	Knowledge, Skills, Abiliti	es (KSAs)		
1. Employee must	fulfill ALL the Technical Competency Re	quirements listed for	this practice, and	_	ervation practice stand				
	ed number of plans for review to receive				_	grazing lands of the loca	ale.		
	edge of SWCC JAA Policy and Procedure	s, applicable conserva	tion practice standard,	_	•				
and BMP policies.	des veis ethe NC NDCC Fee es leh Chast	A		4. Knowledge of grazi	ing management issue	s in the locale.			
_	dge using the NC NRCS Fence Job Sheet mplete "The NRCS-CPA-52 Environment	• •	oot" or comparable						
site assessment for	•	di Evaluation vvoiksiie	eet of comparable						
Site assessine ite									
	INVENTORY AND EVALUATION (10 E)		PRA	ACTICE PHASES		I concern	UCTION & CERTIFICATIO	N (00.0)	
1 1	INVENTORY AND EVALUATION (I&E)	1 1-1	DESIGN (D)	UCTION & CERTIFICATIO					
	Independently complete a minimum of two I&E packets on separate anning Land Units (PLU) to identify and document resource concerns using			Independently complete a minimum of two designs/specifications for the desired practice on separate			Independently complete a minimum of two construction/certification "check-outs" for the desired practice on		
_	A-52 Form (or equivalent) and GIS map					separate Planning Land Units (PLU) in accordance with the most			
	r Conservation Desktop) to develop Cor	. •		•	ir the most recent	recent SWCC BMP star		ance with the most	
,, 5		ioon ration i nam imapor		γ					
2. Use the latest N	IRCS-CPA-52 (Sections A thru P) or comp	parable site	2. Independently fulfi	dependently fulfill/complete the "Design" deliverables in 2. Independently fulfill/complete the "Installation" &					
assessment form to	o independently recommend and docur	ment resource	accordance with the m	nost recent eFOTG pra	ctice Statement of	deliverables in accorda	ance with the most red	ent eFOTG practice	
alternatives/altern	ative action(s) needed to meet the clier	nt's objective and	Work (SOW), including	g O&M guidance, and a	any applicable Job	Statement of Work (So	OW) or comparable SW	/CC form(s).	
achieve the intend	ed purpose to mitigate associated resou	urce concerns for two	Sheet(s), Implementat	ion Requirements, or	comparable SWCC				
different Planning	Land Units (PLU).		practice specification s	sheet(s).		l ' '	pile, record, and comp		
							using the latest NC-CP		
1	ppropriate "CONSERVATION PLANNING	•			·	("Conservation Practic	e Certification Form")	or comparable form.	
	CIAL ENVIRONMENTAL CONCERNS CHEC	,	through P or compara	ble site assessment for	rm.				
1 ' '	parable form, and ALL applicable resource	•							
1	ediction tools, calculations, surveys, and	•							
1 '	ecessary to document existing resource conditions, resource concerns, and nort-term/long term effects of proposed alternatives.								
Short termylong te	fort-termylong term effects of proposed afternatives.								
			l			1			

			LIVESTOCK IVION	tailty Management System		A	ITACHIVIENT	O.D
	PRACTICE DESCRIPTION	N				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
316	Livestock Mortality Management System	Animal Mortality	LBS. per Day	Freezer/ Refridgeration Unit	Incinerator			
			TECHNICAL CO	OMPETENCY REQUIREMENTS				
	Prerequisites				Practice Know	wledge, Skills, Abilities (K	SAs)	
2. Working knowl BMP policies. 3. Capability to co site assessment for 4. Working knowl 5. Capability to pe Notekeeping form 6. Knowledge of the	ber of plans for review for to receive JAA. edge of SWCC JAA Policy and Procedures, app implete "The NRCS-CPA-52 Environmental Eva orm. edge of Web Soil Survey, Suitabilities and Lim erform layout and construction checking follow nat contained in Technical Release 62. the NC GS 106-403 "Disposition of dead dome Disposal of Dead Animals"	uluation Worksheet" of tations Ratings. Wing applicable proce	or comparable dures and	2. Compliance with NRCS national at Utilities 503.00 through 503.06). 3. Development of as-built or "red-512.52). 4. Ability to follow Practice standar incinerators, including but not limite 5. Knowledge of N.C. permiting req 6. Ability to Certify the installation permits (NEM Part 505 – Non-NRCS 7. Ability to calculate normal maxim	line" drawings (NEM Pa d criteria, related compo ed to type and number of uirements for Mortality meets applicable standa s Engineering Services, S	rt 512, Construction, Subputations and analyses to of livestock. Management. rds and specifications and uppart A - Introduction, 5	part F – As-builts, 512.50 develop plans and specific d is in compliance with	through
	INVENTORY AND EVALUATION (I&E)		P	RACTICE PHASES DESIGN (D)		CONST	RUCTION & CERTIFICATIO	ON (C&C)
Land Units (PLU) to CPA-52 Form (or expension Destroy). Use the latest Norm to independ action(s) needed mitigate associated 3. Complete the a CONCERNS & SPESection II) or comas erosion predict to document exist	complete a minimum of two I&E packets on so to identify and document resource concerns usequivalent) and GIS mapping tools (i.e. ArcMarktop) to develop Conservation Plan Maps. JRCS-CPA-52 (Sections A thru P) or comparable ently recommend and document resource alto to meet the client's objective and achieve the end resource concerns for two different Planning propriate "CONSERVATION PLANNING CRITECIAL ENVIRONMENTAL CONCERNS CHECKLIST parable form, and ALL applicable resource assistion tools, calculations, surveys, and soils investing resource conditions, resource concerns, a oposed alternatives.	e site assessment ernatives/alternative intended purpose to ng Land Units (PLU). ERIA, RESOURCE (see EFOTG, sessments tools, such stigations necessary	the desired practice o with the most recent of the second	plete a minimum of two designs, n separate Planning Land Units (SWCC BMP standard and policies II/complete the "Design" delivera eFOTG practice Statement of Wony applicable Job Sheet(s), Imple sparable SWCC practice specifica atest NRCS-CPA-52 Worksheet, S	PLU) in accordance s. ables in accordance ork (SOW), including ementation tion sheet(s).	Independently compl "check-outs" for the de- (PLU) in accordance wit 316 standard. Independently fullful deliverables in accordar Work (SOW) or compar Independently compi	ete a minimum of two co sired practice on separate th the most recent SWCC //complete the "Installation fice with the most recent able SWCC forms(s). le, record, and complete tt NC-CPA-09 Form ("Cons	Instruction/certification Planning Land Units BMP policy and NRCS on" & "Check Out" eFOTG practice State of practice certification

			Manure/Litter Trans	sport incentive		AII	ACHIVIEN 1 8	5.B		
	PRAC	CTICE DESCRIPTION				JOB CLASSES				
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V		
590-MLTI	Manure/Litter Transportation	Nutrient Source, Application Method and/or Special Conditions	Туре	All						
			TECHNICAL COMPETENC	Y REQUIREMENTS						
		Prerequisites			Practice Kno	wledge, Skills, Abilities (F	(SAs)			
2. Working knowle 3. Working Knowle 4. Working knowle 5. NCSU Nutrient I nutrient managem Governing Animal section. 6. Working knowle 7. Working knowle	edge of Web Soil Survey, Suitabilities an edge in the analysis and interpretation o Management in NC Course which includ nent-related course work, including PLA [*] Waste Management in NC training, alor	s, applicable conservation practice standard, and Limitations Ratings of soil test and waste analysis results. les: (1) the online prerequisite; (2) 5-days of T, RUSLE2 and software trainings; and (3) NC ng with a passing score on the exams given a ment Field Handbook (Title 210, Part 651).	C Rules and Regulations	Ability to collect soil samples Knowledge of NC's crops and Knowledge of tillage systems Knowledge to assess the risk of Group (SHG)-based LI index map Ability to perform Nitrogen and Planning Software. Ability to assess site soil cond Knowledge of manure charact Certification the installation remits (NEM Part 505 – Non-N	cropping systems. used in NC. of nitrogen leaching loss, ti ss in Section II of the NC FC nd Phosphorus Risk Assessi litions and prescribe treatn teristics and nutrient value neets applicable standards	the nitrogen Leaching Inde DTG OR RUSLE 2 field spec ments using NCANAT (NLI ment and the appropriate is. and specifications and is	x, obtained through use of ific soil loss calculations. EW+PLAT) in the NC Nutrivegetation.			
			PRACTICE PI	HASES						
	INVENTORY AND EVALUAT	TION (I&E)		DESIGN (D)		CONST	RUCTION & CERTIFICATION	ON (C&C)		
indentify and doct GIS mapping tools Maps of land appl 2. Use the latest N independently rec meet the client's o concerns for two o	ument resource concerns using the lates (i.e. ArcMap, Toolkit, or Conservation Dication fields. IRCS-CPA-52 (Sections A thru P) or composition and document resource alternobjective and achieve the intended purp different Planning Land Units (PLU).	st NRCS-CPA -52 Form (or equivalent) and Desktop) to develop Conservation Plan parable site assessment form to natives/alternative action(s) needed to lose to mitigate associated resource ta on each land application field to receive	Planning Land Units (PLU) in SWCC Manure/Litter Transp application fields and associa PLAT results, and narrative e 2. Independently fulfill/comprecent eFOTG practice State applicable Job Sheet(s), Impl specification sheet(s).	minimum of two nutrient manage accordance with the most recent ortation BMP and Policies. Plans ated setbacks, waste production i explaining the livestock or poultry olete the "Design" deliverables in ment of Work (SOW), including O ementation Requirements, or con	NRCS 590 Standard and should include maps of nformation, soil samples, operation. accordance with the most &M guidance, and any nparable SWCC practice	"check-outs" for the de (PLU) in accordance wit 590 standard. 2. Independently fullful deliverables in accorda Work (SOW) or compar 3. Independently comp	le, record, and complete at NC-CPA-09 Form ("Con	e Planning Land Units BMP policy and NRCS on" & "Check Out" eFOTG practice State practice certification		

ALL applicable resource assessments tools, such as erosion prediction tools, calculations, surveys, and soils investigations necessary to document existing resource conditions, resource concerns, and

short-term/long term effects of proposed alternatives.

NUTRIENT MANAGEMENT

			NUTRIEN	T MANAGEMENT					
PRACTICE DESCRIPTION				JOB CLASSES ATTACHMENT 8.B					
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
590-NM	Nutrient Management	Nutrient source, application method and/or special condition	Туре	All					
			TECHNICAL CON	PETENCY REQUIREMEN	rs		•		
	Prerequisit		Practice Knowledge, Skills, Abilities (KSAs)						
2. Working knowl and BMP policies. 3. Working knowl 4. Capability to coste assessment fo 5. NCSU Nutrient nutrient managem conclusion of the Citile 210, Part 65. Appropriate JA	Management in NC Course which inclonent-related course work; and (3) a paccourse; Working knowledge in the Agr	res, applicable conserva- n of soil test and waste a ental Evaluation Workshe udes: (1) the online pren- ssing score on the exam- ricultural Waste Manage ion to a sustainable leve	enalysis results. eet" or comparable equisite; (2) 5-days of given at the ment Field Handbook	4. Knowledge of Tillag 5. Knowledge of Syntl 6. Knowledge of Man 7. Completion of the	nt Wind and Water Engle Systems used in NC netic Fertilizers and Al ure Characteristics an NCSU Nutrient Manag Nitrogen and Phospho	rosion Prediction Tools. nalysis. d Nutrient Values. ement Planning Course rus Risk Assessments u		PLAT) and/or latest	
			PRA	ACTICE PHASES					
	INVENTORY AND EVALUATION (I&E	:)		DESIGN (D) CONSTRUCTION & CERTIFIC			RUCTION & CERTIFICATION	ON (C&C)	
Planning Land Uni the latest NRCS-CF ArcMap, Toolkit, c	complete a minimum of two I&E pack ts (PLU) to identify and document reso PA-52 Form (or equivalent) and GIS ma or Conservation Desktop) to develop C NRCS-CPA-52 (Sections A thru P) or cor	ource concerns using apping tools (i.e. onservation Plan Maps.	Independently complete a minimum of two designs/specifications for the desired practice on separa Planning Land Units (PLU) in accordance with the most recordance.			Independently complete a minimum of two construction/certification "check-outs" for two applied Nutrier Management Plans on separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies.			
assessment form t alternatives/alterr achieve the intend	Issessment form to independently recommend and document resource Plans in accordance work ilternatives/alternative action(s) needed to meet the client's objective and inchieve the intended purpose to mitigate associated resource concerns for two for planned fields, and			with the most recent SWCC BMP standard. Indude use of PLAT, erosion prediction result and latest NC CNMP checklist.) 2. Independently fulfill/complete the "Installation" & "Cladeliverables in accordance with the most recent eFOTG productions of the statement of Work (SOW) or comparable SWCC form(s).					
different Planning Land Units (PLU). 3. Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE through P of the control of the c			3. Completion of the through P or compara		•	Independently compile, record, and complete practice certification activities using the latest NC-CPA-09 Form			

CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS CHECKLIST (see EFOTG, Section II) or comparable form, and ALL applicable resource assessments tools, such as erosion prediction tools, calculations, surveys, and soils investigations necessary to document existing resource conditions, resource concerns, and

short-term/long term effects of proposed alternatives.

("Conservation Practice Certification Form") or comparable form.

ODOR MANAGEMENT SYSTEM

	PRACTICE DESCRIF	JOB CLASSES									
Code Practice Controlling Factor			Units	Job Class I	Job Class II			Job Class V			
380	Odor Management System	Purpose(s)	Туре	All	Job class II	Job Cluss III	JOD CIGSTV	300 Cid35 V			
300	odor Management System	T di pose(s)		I	TS						
Prerequisites				Practice Knowledge, Skills, Abilities (KSAs)							
submit the specific 2. Working knowled and BMP policies. 3. Capability to co site assessment fo 4. When applicable	fulfill ALL the Technical Competency Red number of plans for review to received and Procedure and Pr	e JAA. es, applicable conserva tal Evaluation Worksho	tion practice standard, eet" or comparable	2. Knowledge of fores	st ecology and manage s protected by windbr		-	t if applicable.			
			PRA	CTICE PHASES							
	INVENTORY AND EVALUATION (I&E)		DESIGN (D)			CONSTRUCTION & CERTIFICATION (C&C)					
 Independently complete a minimum of two I&E packets on separate Planning Land Units (PLU) to identify and document resource concerns using the latest NRCS-CPA-52 Form (or equivalent) and GIS mapping tools (i.e. ArcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable site assessment form to independently recommend and document resource alternatives/alternative action(s) needed to meet the client's objective and achieve the intended purpose to mitigate associated resource concerns for two different Planning Land Units (PLU). Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS CHECKLIST (see EFOTG, Section II) or comparable form, and ALL applicable resource assessments tools, such as erosion prediction tools, calculations, surveys, and soils investigations necessary to document existing resource conditions, resource concerns, and short-term/long term effects of proposed alternatives. 			2. Independently fulfill/complete the "Design" deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW), including O&M guidance, and any applicable Job Sheet(s), Implementation Requirements, or comparable SWCC practice specification sheet(s). 3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A through P or comparable site assessment form.			1. Independently complete a minimum of two construction/certification "check-outs" for the desired practice or separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies. 2. Independently fulfill/complete the "Installation" & "Check Out' deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW) or comparable SWCC form(s). 3. Independently compile, record, and complete practice certification activities using the latest NC-CPA-09 Form ("Conservation Practice Certification Form") or comparable form.					

PASTURE RENOVATION

	PRACTICE DESCRIP	JOB CLASSES								
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V		
512-PR	Pasture Renovation	Forage species, class or mix	Туре	All						
			TECHNICAL COM	IPETENCY REQUIREMEN	TS					
	Prerequisites			Practice	e Knowledge, Skills, Abilities (KSAs)					
submit the specific 2. Working knowleand BMP policies.	fulfill ALL the Technical Competency Reed number of plans for review to receive edge of SWCC JAA Policy and Procedure: mplete "The NRCS-CPA-52 Environment rm.	JAA. s, applicable conserva	tion practice standard,	2. Skill in planning the	e planting protocols an	he ecological sites/fora				
			PRA	PRACTICE PHASES						
	INVENTORY AND EVALUATION (I&E)		DESIGN (D)			CONSTRUCTION & CERTIFICATION (C&C)				
 Independently complete a minimum of two I&E packets on separate Planning Land Units (PLU) to identify and document resource concerns using the latest NRCS-CPA-52 Form (or equivalent) and GIS mapping tools (i.e. ArcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable site assessment form to independently recommend and document resource alternatives/alternative action(s) needed to meet the client's objective and achieve the intended purpose to mitigate associated resource concerns for two different Planning Land Units (PLU). Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS CHECKLIST (see EFOTG, Section II) or comparable form, and ALL applicable resource assessments tools, such as erosion prediction tools, calculations, surveys, and soils investigations necessary to document existing resource conditions, resource concerns, and short-term/long term effects of proposed alternatives. 			2. Independently fulfill/complete the "Design" deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW), including O&M guidance, and any applicable Job Sheet(s), Implementation Requirements, or comparable SWCC practice specification sheet(s). 3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A through P or comparable site assessment form.			 Independently complete a minimum of two construction/certification "check-outs" for the desired practice on separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies. Independently fulfill/complete the "Installation" & "Check Out" deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW) or comparable SWCC form(s). Independently compile, record, and complete practice certification activities using the latest NC-CPA-09 Form ("Conservation Practice Certification Form") or comparable form. 				

PASTURELAND CONVERSION

	PRACTICE DESCRIP				JOB CLASSES				
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
612	Pastureland Conversion	Site Sensitivity-Soil suitability rating for potential seedling mortality	WSS Rating	All					
		•	TECHNICAL COM	PETENCY REQUIREMEN	TS	,	•		
	Prerequisites				Practice	Knowledge, Skills, Abiliti	es (KSAs)		
submit the specifi 2. Working knowl and BMP policies.	omplete "The NRCS-CPA-52 Environment	e JAA. s, applicable conserva	tion practice standard,	2. Knowledge of silvic3. Knowledge of soil h4. Knowledge of resoil	s of tree species to be lealth and managemen urce impacts including g mortality rating, and	nt.	effects, soil limitations	olatility, etc.	
	INVENTORY AND EVALUATION (I&E)			CTICE PHASES DESIGN (D)				• •	
Planning Land Unithe latest NRCS-CI ArcMap, Toolkit, of 2. Use the latest I assessment form alternatives/alternatives/alternatives/alternatives the intendifferent Planning 3. Complete the a CONCERNS & SPECSection II) or compuch as erosion princeessary to document of the latest NRCS and the latest NRCS are serosion princeessary to document of the latest NRCS are serosion princeessary to document of the latest NRCS are serosion princeessary to document of the latest NRCS are serosion princeessary to document of the latest NRCS are serosion princeessary to document of the latest NRCS are serosion princeessary to document of the latest I are serosion princeessary to document of the latest I assessment form	complete a minimum of two I&E packets (PLU) to identify and document resou PA-52 Form (or equivalent) and GIS mappor Conservation Desktop) to develop Control (Sections A thru P) or complete independently recommend and documentive action(s) needed to meet the clier ded purpose to mitigate associated resour Land Units (PLU). Repropriate "CONSERVATION PLANNING CIAL ENVIRONMENTAL CONCERNS CHECK parable form, and ALL applicable resource rediction tools, calculations, surveys, and ament existing resource conditions, resourcerm effects of proposed alternatives.	pring tools (i.e. neervation Plan Maps. neervation Plan Maps. nearable site ment resource nt's objective and urce concerns for two CRITERIA, RESOURCE KLIST (see EFOTG, ne assessments tools, it soils investigations	2. Independently fulfi accordance with the m Work (SOW), including Sheet(s), Implementat practice specification s	for the desired practic LU) in accordance with nd policies. Il/complete the "Designost recent eFOTG pract of the complete of	e on separate in the most recent "" deliverables in ctice Statement of any applicable Job comparable SWCC	1. Independently complete a minimum of two construction/certification "check-outs" for the desired practice of separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies. 2. Independently fulfill/complete the "Installation" & "Check Out deliverables in accordance with the most recent eFOTG practice Statement of Work (SOW) or comparable SWCC form(s). 3. Independently compile, record, and complete practice certification activities using the latest NC-CPA-09 Form ("Conservation Practice Certification Form") or comparable form.			

PRECISION AGRICHEMICAL APPLICATION

	PRACTICE DESCRIPT	TION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
590-PAA	Precision Agrichemical Application	Purpose	Туре	All					
			TECHNICAL COM	PETENCY REQUIREMENT	тs				
	Prerequisites				Practic	e Knowledge, Skills, Abiliti	es (KSAs)		
 Employee must 	fulfill ALL the Technical Competency Re	quirements listed for	this practice, and	1. Knowledge of NC's	Crops and Cropping S	Systems.			
submit the specific	ed number of plans for review to receive	JAA.		2. Knowledge of Soil I	Health and Managem	ent.			
Working knowl	edge of SWCC JAA Policy and Procedures	s, applicable conserva	tion practice standard,	3. Ability to use Curre	ent Wind and Water E	rosion Prediction Tools.			
and BMP policies.				4. Knowledge of Tillag					
	edge in the analysis and interpretation o			Knowledge of Synt					
	omplete "The NRCS-CPA-52 Environment	eet" or comparable	6. Knowledge of Man						
site assessment fo		(4)	(2) = 1			gement Planning Course			
	Management in NC Course which includ					orus Risk Assessments us	sing NCANAT (NLEW+P	LAT) and/or latest	
	nent-related course work; and (3) a passi			web-based NC Nutrie	nt Management Softv	vare.			
	course; Working knowledge in the Agricu	ultural waste Manage	ment Field Handbook						
(Title 210, Part 65:	1). A for practices needed to control erosior	a to a sustainable love	I (T) on land						
	f applicable Practice Codes: 342, 329, 32		i (1) Oil lailu						
	r applicable i ractice codes. 542, 525, 52	.0, 540, 560,							
			PRA	CTICE PHASES					
	INVENTORY AND EVALUATION (I&E)			DESIGN (D) CONSTRUCTION & CERTIFICATION (C&C)					
1. Independently	complete a minimum of two I&E packets	an concrete	4 1 1 1 1			1			
	complete a minimum of two fac packets	s on separate	Independently com	plete a minimum of tw	/0	1. Independently com	piete a minimum of tw	vo	
Planning Land Uni	ts (PLU) to identify and document resour	•	designs/specifications	•		1. Independently com construction/certificat	•		
•		rce concerns using	1 ' '	for the desired practic	e on separate	1 ' '	ion "check-outs" for tv	wo applied Nutrient	
the latest NRCS-CF	ts (PLU) to identify and document resou	rce concerns using ping tools (i.e.	designs/specifications Planning Land Units (P	for the desired practic LU) in accordance with	e on separate	construction/certificat	ion "check-outs" for tv separate Planning Lar	wo applied Nutrient nd Units (PLU) in	
the latest NRCS-CF	ts (PLU) to identify and document resou PA-52 Form (or equivalent) and GIS mapp	rce concerns using ping tools (i.e.	designs/specifications Planning Land Units (P	for the desired practic LU) in accordance with	e on separate	construction/certificat Management Plans on	ion "check-outs" for tv separate Planning Lar	wo applied Nutrient nd Units (PLU) in	
the latest NRCS-CF ArcMap, Toolkit, o 2. Use the latest N	ts (PLU) to identify and document resoun PA-52 Form (or equivalent) and GIS mapp or Conservation Desktop) to develop Con NRCS-CPA-52 (Sections A thru P) or comp	rce concerns using ping tools (i.e. servation Plan Maps.	designs/specifications Planning Land Units (P	for the desired practic LU) in accordance with nd policies.	e on separate In the most recent	construction/certificat Management Plans on accordance with the m policies.	ion "check-outs" for tv separate Planning Lar nost recent SWCC BMP	wo applied Nutrient nd Units (PLU) in P standard and	
the latest NRCS-CF ArcMap, Toolkit, o 2. Use the latest N assessment form t	ts (PLU) to identify and document resound PA-52 Form (or equivalent) and GIS mapper Conservation Desktop) to develop Content NRCS-CPA-52 (Sections A thru P) or composite independently recommend and document	rce concerns using bing tools (i.e. iservation Plan Maps. parable site nent resource	designs/specifications Planning Land Units (P SWCC BMP standard a 2. Independently fulfi Plans in accordance w	for the desired practic LU) in accordance with nd policies. I/complete two Nutrie th the most recent SW	e on separate n the most recent ent Management //CC BMP standard.	construction/certificat Management Plans on accordance with the m policies. 2. Independently fulfil	ion "check-outs" for tw separate Planning Lar nost recent SWCC BMP	wo applied Nutrient nd Units (PLU) in P standard and lation" & "Check Out	
the latest NRCS-CF ArcMap, Toolkit, of 2. Use the latest Nassessment form talternatives/alternat	ts (PLU) to identify and document resound PA-52 Form (or equivalent) and GIS mapper Conservation Desktop) to develop Content NRCS-CPA-52 (Sections A thru P) or composite independently recommend and documentive action(s) needed to meet the client	rce concerns using bing tools (i.e. iservation Plan Maps. barable site ment resource it's objective and	designs/specifications Planning Land Units (P SWCC BMP standard a 2. Independently fulfi Plans in accordance w (Note- plan should inc	for the desired practic LU) in accordance with nd policies. //complete two Nutrie th the most recent SW ude use of PLAT, erosi	e on separate In the most recent Int Management I/CC BMP standard. On prediction result	construction/certificat Management Plans on accordance with the m policies. 2. Independently fulfil deliverables in accorda	ion "check-outs" for tw separate Planning Lar nost recent SWCC BMP "I/complete the "Instal ance with the most rec	wo applied Nutrient nd Units (PLU) in P standard and lation" & "Check Out cent eFOTG practice	
the latest NRCS-CF ArcMap, Toolkit, of 2. Use the latest Nassessment form talternatives/alternatives the intended	ts (PLU) to identify and document resound PA-52 Form (or equivalent) and GIS mapper Conservation Desktop) to develop Content of the Park (Sections A thru P) or competo independently recommend and documentive action(s) needed to meet the client ded purpose to mitigate associated resound PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (PA-52 (Sections A thru P) or competed purpose to mitigate associated purpose to mitigate associat	rce concerns using bing tools (i.e. iservation Plan Maps. barable site ment resource it's objective and	designs/specifications Planning Land Units (P SWCC BMP standard a 2. Independently fulfi Plans in accordance w (Note- plan should inc	for the desired practic LU) in accordance with nd policies. //complete two Nutrie th the most recent SW ude use of PLAT, erosi	e on separate In the most recent Int Management I/CC BMP standard. On prediction result	construction/certificat Management Plans on accordance with the m policies. 2. Independently fulfil	ion "check-outs" for tw separate Planning Lar nost recent SWCC BMP "I/complete the "Instal ance with the most rec	wo applied Nutrient nd Units (PLU) in P standard and lation" & "Check Out cent eFOTG practice	
the latest NRCS-CF ArcMap, Toolkit, of 2. Use the latest Nassessment form talternatives/alternat	ts (PLU) to identify and document resound PA-52 Form (or equivalent) and GIS mapper Conservation Desktop) to develop Content of the Park (Sections A thru P) or competo independently recommend and documentive action(s) needed to meet the client ded purpose to mitigate associated resound PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (PA-52 (Sections A thru P) or competed purpose to mitigate associated resound PA-52 (PA-52 (Sections A thru P) or competed purpose to mitigate associated purpose to mitigate associat	rce concerns using bing tools (i.e. iservation Plan Maps. barable site ment resource it's objective and	designs/specifications Planning Land Units (P SWCC BMP standard a 2. Independently fulfi Plans in accordance w (Note- plan should inc for planned fields, and	for the desired practic LU) in accordance with nd policies. //complete two Nutrie th the most recent SW ude use of PLAT, erosi- latest NC CNMP check	e on separate the most recent ent Management //CC BMP standard. on prediction result	construction/certificat Management Plans on accordance with the m policies. 2. Independently fulfil deliverables in accorda Statement of Work (SC	ion "check-outs" for tweether the separate Planning Lar nost recent SWCC BMP and the separate the "Instal ance with the most recow) or comparable SW	wo applied Nutrient and Units (PLU) in Patandard and lation" & "Check Outent eFOTG practice VCC form(s).	
the latest NRCS-CF ArcMap, Toolkit, of 2. Use the latest Nassessment form that alternatives/alternachieve the intendidifferent Planning	ts (PLU) to identify and document resour PA-52 Form (or equivalent) and GIS mapper Conservation Desktop) to develop Control (Sections A thru P) or complete independently recommend and documentive action(s) needed to meet the clientled purpose to mitigate associated resour Land Units (PLU).	rce concerns using ping tools (i.e. aservation Plan Maps. parable site ment resource at's objective and arce concerns for two	designs/specifications Planning Land Units (P SWCC BMP standard a 2. Independently fulfi Plans in accordance w (Note- plan should inc for planned fields, and 3. Completion of the l	for the desired practic LU) in accordance with nd policies. //complete two Nutrie th the most recent SW ude use of PLAT, erosi- latest NC CNMP check	e on separate in the most recent ent Management //CC BMP standard. on prediction result clist.)	construction/certificat Management Plans on accordance with the m policies. 2. Independently fulfil deliverables in accorda Statement of Work (SC 3. Independently com	ion "check-outs" for tweether the separate Planning Lar nost recent SWCC BMP (I/complete the "Instal ance with the most recow) or comparable SW pile, record, and comp	wo applied Nutrient and Units (PLU) in Patandard and Patient William (PLU) and Patient Enter Portice with the practice of the	
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PRECISION NUTRIENT MANAGEMENT

			PRECISION NU	TRIENT MANAGEME	NI			
	PRACTICE DESCRIP	TION				JOB CLASSES	ATTACHMEN	T 8.B
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
590-PNM	Precision Nutrient Management	Nutrient source, application method and/or special condition	Туре	All				
			TECHNICAL CON	PETENCY REQUIREMEN	rs		•	
	Prerequisites				Practic	e Knowledge, Skills, Abil	ities (KSAs)	
2. Working knowl and BMP policies. 3. Working knowl 4. Capability to cosite assessment for 5. NCSU Nutrient nutrient managen conclusion of the Citle 210, Part 65. Appropriate JA	ledge in the analysis and interpretation of complete "The NRCS-CPA-52 Environment orm. Management in NC Course which includ nent-related course work; and (3) a passi course; Working knowledge in the Agricu	s, applicable conservants, applicable conservants of soil test and waste at all Evaluation Workshotes: (1) the online preming score on the examultural Waste Manage on to a sustainable leve	enalysis results. eet" or comparable equisite; (2) 5-days of given at the ment Field Handbook	4. Knowledge of Tillag5. Knowledge of Synth6. Knowledge of Manu7. Completion of the I	nt Wind and Water Ei le Systems used in NC netic Fertilizers and Ai ure Characteristics an NCSU Nutrient Manag litrogen and Phospho	rosion Prediction Tools nalysis. d Nutrient Values. Jement Planning Cours Jurus Risk Assessments (PLAT) and/or latest
			PRA	ACTICE PHASES				
	INVENTORY AND EVALUATION (I&E)			DESIGN (D)		CONST	TRUCTION & CERTIFICATION	ON (C&C)
Planning Land Uni the latest NRCS-CI ArcMap, Toolkit, c 2. Use the latest I assessment form t	complete a minimum of two I&E packets (PLU) to identify and document resou PA-52 Form (or equivalent) and GIS mappor Conservation Desktop) to develop ConNRCS-CPA-52 (Sections A thru P) or compto independently recommend and documentive action(s) needed to meet the clier	rce concerns using ping tools (i.e. iservation Plan Maps. parable site ment resource	designs/specifications Planning Land Units (F SWCC BMP standard a 2. Independently fulfi	mplete a minimum of two s for the desired practice on separate (PLU) in accordance with the most recent and policies. fill/complete two Nutrient Management with the most recent SWCC BMP standard. 1. Indep construct Manager accordan policies.		construction/certific Management Plans of accordance with the policies. 2. Independently ful	1. Independently complete a minimum of two construction/certification "check-outs" for two applied N Management Plans on separate Planning Land Units (PLL accordance with the most recent SWCC BMP standard ar	
achieve the intend different Planning 3. Complete the a CONCERNS & SPEC Section II) or com	ded purpose to mitigate associated resour Land Units (PLU). appropriate "CONSERVATION PLANNING CIAL ENVIRONMENTAL CONCERNS CHECK parable form, and ALL applicable resource rediction tools, calculations, surveys, and	CRITERIA, RESOURCE KLIST (see EFOTG, ce assessments tools,	for planned fields, and 3. Completion of the	l latest NC CNMP check latest NRCS-CPA-52 Wo	orksheet, Sections A	Statement of Work (3. Independently co certification activitie	SOW) or comparable SN mpile, record, and com s using the latest NC-CF ice Certification Form")	NCC form(s). plete practice PA-09 Form

necessary to document existing resource conditions, resource concerns, and

short-term/long term effects of proposed alternatives.

PRESCRIBED GRAZING

	PRACTICE DESCI	RIPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
528	Prescribed Grazing	Pasture Only - Area	Acres	All					
		•	TECHNICAL CON	PETENCY REQUIREMEN	rs				
	Prerequisi	tes			Practice	Knowledge, Skills, Abiliti	es (KSAs)		
1. Employee must ful	Ifill ALL the Technical Competency	Requirements listed for	this practice, and	_	• .	mplications for specific ຊ	grazing ecological sites	, forage suitability	
submit the specified r	number of plans for review to rece	ive JAA.		groups, and/or forest					
	(3)((3)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)(1)					ent plans that are pract	tical, address resource	concerns, and meet	
	ge of SWCC JAA Policy and Procedu	ires, applicable conserva	tion practice standard,	manager's objectives.					
and BMP policies.				· ·	•	unicate needed adjustm ols to complete forage b		actura Conditioning	
3 Canability to comp	olete "The NRCS-CPA-52 Environmo	ental Evaluation Worksh	eet" or comparable	Score, C-Graze.	priate assessment to	ois to complete lorage t	raiance calculations, Pa	asture Conditioning	
site assessment form.		ental Evaluation Workship	set of comparable	1	howners the usage of	grazing stick to establis	h ston grazing onsite		
Site assessine re rorm	•			3.7 tollicy to teach land	downers the usuge of	Brazing strok to establis	in stop grazing onsite.		
			PRA	ACTICE PHASES					
	INVENTORY AND EVALUATION (I&	<i>'</i>		• •	DESIGN (D) CONSTRUCTION & CERTIFICATION			, ,	
· · ·	nplete a minimum of two I&E pacl	•	1. Independently complete a minimum of two			1. Independently com	•		
	PLU) to identify and document res		designs/specifications for the desired practice on separate			construction/certification "check-outs" for the desired practice on			
	52 Form (or equivalent) and GIS m		Planning Land Units (PLU) in accordance with the most recent			separate Planning Land Units (PLU) in accordance with the most recent SWCC BMP standard and policies.			
Arciviap, Toolkit, or C	onservation Desktop) to develop (conservation Plan Maps.	SWCC BMP standard a	and policies.		recent SWCC BMP star	ndard and policies.		
2 Use the latest NRC	CS-CPA-52 (Sections A thru P) or co	mnarahle site	2 Independently fulfi	II/complete the "Design	n" deliverables in	2 Independently fulfi	II/complete the "Instal	llation" & "Check Out"	
	ndependently recommend and do	•	1 ' '	nost recent eFOTG prac		2. Independently fulfill/complete the "Installation" & "Check Out deliverables in accordance with the most recent eFOTG practice			
	ve action(s) needed to meet the c			g O&M guidance, and a		Statement of Work (So			
1	purpose to mitigate associated re	•	1 ' ''	•		,	,	,	
different Planning Lar	nd Units (PLU).		practice specification	•	•	3. Independently com	pile, record, and comp	olete practice	
						certification activities	using the latest NC-CP	A-09 Form	
3. Complete the appr	ropriate "CONSERVATION PLANNII	NG CRITERIA, RESOURCE	3. Completion of the	latest NRCS-CPA-52 Wo	orksheet, Sections A	("Conservation Practic	e Certification Form")	or comparable form.	
	L ENVIRONMENTAL CONCERNS CH	The second secon	through P or compara	ble site assessment for	m.				
Section II) or compara	able form, and ALL applicable reso	urce assessments tools,							
I	ction tools, calculations, surveys, a	_							
	nt existing resource conditions, re	source concerns, and							
short-term/long term	effects of proposed alternatives.								

RESIDUE AND TILLAGE MANAGEMENT

	PRACTICE DESCRIP	TION	,			JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class I	Job Class III	Job Class IV	Job Class V	
340-CRM	Residue and Tillage Management	Species Planted (Species Mix)	Number	All					
			TECHNICAL CON	MPETENCY REQUIREMEN	TS				
	Prerequisites				Practic	e Knowledge, Skills, Abiliti	es (KSAs)		
submit the specific 2. Working knowl and BMP policies.	Efulfil ALL the Technical Competency Re ed number of plans for review to receive edge of SWCC JAA Policy and Procedures omplete "The NRCS-CPA-52 Environment rm.	e JAA. s, applicable conserva	ation practice standard,	4. Knowledge ofTilla5. Knowledge of Adap	Health and Management Wind and Water of ge Systems used in Notive Species of Coveroved Planting Dates, e of "Managing Cover	ent. Erosion Prediction Tools. C Crops for Planned Purp. Times and Methods ofT Crops Profitability".		Crops.	
			PRA	ACTICE PHASES					
k -	INVENTORY AND EVALUATION (I&E)			DESIGN (D)		CONSTRUCTION & CERTIFICATION (C&C)			
Planning Land Unithe latest NRCS-Cl ArcMap, Toolkit, of 2. Use the latest lassessment form talternatives/alternachieve the intendifferent Planning 3. Complete the acconcerning of Concerns & Specific Section II) or compuscing as erosion princessary to documents.	complete a minimum of two I&E packets (PLU) to identify and document resound to I&E form (or equivalent) and GIS mapper Conservation Desktop) to develop Conservation (Sections A thru P) or complete independently recommend and documentive action(s) needed to meet the client led purpose to mitigate associated resound Land Units (PLU). Impropriate "CONSERVATION PLANNING CIAL ENVIRONMENTAL CONCERNS CHECK Described form, and ALL applicable resource dediction tools, calculations, surveys, and ment existing resource conditions, resourcement effects of proposed alternatives.	designs/specifications Planning Land Units (I SWCC BMP standard a 2. Independently fulfi accordance with the r Work (SOW), including Sheet(s), Implemental practice specification 3. Completion of the	ill/complete the "Designost recent eFOTG prago 0&M guidance, and tion Requirements, or sheet(s).	te on separate in the most recent in" deliverables in octice Statement of any applicable Job comparable SWCC	deliverables in accord Statement of Work (S 3 Independently con certification activities		the desired practice on dance with the most llation" & "Check Out" cent eFOTG practice WCC form(s). plete practice A-09 Form		

ROOFTOP RUNOFF MANAGEMENT SYSTEMS

ATTACHMENT 8.B

	SEDIMEN	T CONTROL BASIN			ATTACHMEN	1 8.B	
PRACTICE DESCRIPTION					JOB CLASSES		
Code Practice Con	trolling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
350 Sediment Control Basin Si Dr	lazard Class tive Height (EH) torage x EH rainage Area duit Diameter	feet acre-feet ² acres inches	A 15 500 100 12	A 20 1,000 400 24	A 25 2,000 1,000 36	A 30 2,500 2,500 42	A 35 3,000 4,000 48
						•	
Prerequisites				Practice	Knowledge, Skills, Abiliti	es (KSAs)	
 Employee must fulfill ALL the Technical Competency Require submit the specified number of plans for review for to receive Journal of the Submit the specified number of plans for review for to receive Journal of the Submit the Submit to Procedures, apput standard, and BMP policies. Capability to complete "The NRCS-CPA-52 Environmental Evasite assessment form. Working knowledge of Web Soil Survey, Suitabilities and Limit 5. Capability to perform layout and construction checking follow Notekeeping format contained in Technical Release 62. 	ation practice neet" or comparable	 Ability to layout a sediment control basin to capture and detain sediment-laden runoff, or other debris for a sufficient length of time to allow it to settle out in the basin. Development of related computations and analyses to develop plans and specifications including but not limited to geology, soil mechanics, hydrology, hydraulics, structural design, and vegetation. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06). Development of as-built or "red-line" drawings (NEM Part 512, Construction, Subpart F – As-builts, 512.50 through 					
		PRA	CTICE PHASES	.geeg se. 1.0es, saap		,.	
INVENTORY AND EVALUATION (I&E)			DESIGN (D)		CONSTR	UCTION & CERTIFICATION	ON (C&C)
1. Independently complete a minimum of two I&E packets on so Planning Land Units (PLU) to identify and document resource cot the latest NRCS-CPA-52 Form (or equivalent) and GIS mapping to ArcMap, Toolkit, or Conservation Desktop) to develop Conserva Maps. 2. Use the latest NRCS-CPA-52 (Sections A thru P) or comparable assessment form to independently recommend and document realternatives/alternative action(s) needed to meet the client's obachieve the intended purpose to mitigate associated resource of two different Planning Land Units (PLU). 3. Complete the appropriate "CONSERVATION PLANNING CRITE RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS (see EFOTG, Section II) or comparable form, and ALL applicable is assessments tools, such as erosion prediction tools, calculations soils investigations necessary to document existing resource corresource concerns, and short-term/long term effects of propose.	e site resource oncerns for ERIA, CHECKLIST resource s, surveys, and nditions,	1. Independently com designs/specifications Planning Land Units (F SWCC BMP standard at 2. Independently fulfi accordance with the n Work (SOW), including Sheet(s), Implemental practice specification 3. Completion of the through P or compara	For the desired practic PLU) in accordance with and policies. Ill/complete the "Designost recent eFOTG prago&M guidance, and tion Requirements, or sheet(s).	ce on separate th the most recent gn" deliverables in actice Statement of any applicable Job comparable SWCC	on separate Planning most recent SWCC BN 2. Independently fulf Out" deliverables in a practice Statement of 3. Independently concertification activities		he desired practice cordance with the es. Illation" & "Check ost recent eFOTG arable SWCC form(s). plete practice PA-09 Form

SOD-BASED ROTATION

	PRACTICE DESCRIPT	TION		JOB CLASSES						
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V		
328	Sod-based Rotation	Crop, Production Method	Туре	All						
			TECHNICAL COM	PETENCY REQUIREMEN	TS					
	Prerequisites			Practice Knowledge, Skills, Abilities (KSAs)						
submit the specific 2. Working knowleand BMP policies.	fulfill ALL the Technical Competency Read number of plans for review to receive edge of SWCC JAA Policy and Procedures mplete "The NRCS-CPA-52 Environment rm.	JAA. s, applicable conserva	tion practice standard,	 Knowledge of Soil Ability to use Curre Knowledge of Tilla 	Crops and Cropping S Health and Manageme ent Wind and Water E	ystems. ent. rosion Prediction Tools				
			PRA	CTICE PHASES						
	INVENTORY AND EVALUATION (I&E)			DESIGN (D)		CONSTR	RUCTION & CERTIFICATIO	N (C&C)		
Planning Land Unit the latest NRCS-CP ArcMap, Toolkit, o 2. Use the latest N assessment form t alternatives/alternachieve the intend different Planning 3. Complete the a CONCERNS & SPEC Section II) or compsuch as erosion prinecessary to documents.	complete a minimum of two I&E packets is (PLU) to identify and document resour A-52 Form (or equivalent) and GIS mapper Conservation Desktop) to develop Control (IRCS-CPA-52 (Sections A thru P) or composite independently recommend and documentive action(s) needed to meet the cliented purpose to mitigate associated resour Land Units (PLU). IMPORTATION PLANNING CIAL ENVIRONMENTAL CONCERNS CHECK parable form, and ALL applicable resource ediction tools, calculations, surveys, and ment existing resource conditions, resource methods of proposed alternatives.	2. Independently fulfi accordance with the m Work (SOW), including Sheet(s), Implementat practice specification s	for the desired practic (LU) in accordance with and policies. II/complete the "Designost recent eFOTG prago&M guidance, and a ion Requirements, or a sheet(s).	te on separate In the most recent In deliverables in In deliverables in In deliverable section of In any applicable Job In the section of the	construction/certifical separate Planning Lan recent SWCC BMP sta 2. Independently fulfi deliverables in accord Statement of Work (S 3. Independently concertification activities	nplete a minimum of tw tion "check-outs" for the d Units (PLU) in accord ndard and policies. ill/complete the "Instal ance with the most rec OW) or comparable SW npile, record, and comp using the latest NC-CP/ ce Certification Form")	le desired practice on ance with the most lation" & "Check Out" ent eFOTG practice /CC form(s).			

SPRING DEVELOPMENT

	PRACTICE DESCRIP	TION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
574	Spring Development	Purpose	Туре	All					
			TECHNICAL COM	PETENCY REQUIREMEN	тs				
	Prerequisites				Practic	e Knowledge, Skills, Abilitie	es (KSAs)		
1. Employee must	fulfill ALL the Technical Competency Re	equirements listed for	this practice, and						
	d number of plans for review for to rec			· '		prescribe treatment and			
_	dge of SWCC JAA Policy and Procedure	es, applicable conserva	tion practice standard,	· ·			EM Part 503-Safety, Su	bpart A - Engineering	
and BMP policies.	nplete "The NRCS-CPA-52 Environment	tal Evaluation Worksh	act" or comparable	Activities Affecting Ut	•	303.06). awings (NEM Part 512, C	Construction Subport	E _ Λε-builte 512 50	
site assessment for	•	tai Evaluation Worksin	eet of comparable	through 512.52).	s-built of Teu-line ur	awings (INCIVI Fait 312, C	John Line Library	- A3-builts, 312.50	
	dge of Web Soil Survey, Suitabilities an	nd Limitations Ratings.		,	stallation meets appli	cable standards and spe	cifications and is in co	mpliance with	
5. Capability to per	form layout and construction checking	g following applicable p	procedures and	permits (NEM Part 50	5 – Non-NRCS Engine	ering Services, Subpart A	- Introduction, 505.3)		
Notekeeping forma	t contained in Technical Release 62.								
			PRA	L ACTICE PHASES					
	INVENTORY AND EVALUATION (I&E)			DESIGN (D)	N (C&C)				
1. Independently c	omplete a minimum of two I&E packet	s on separate	1. Independently com	Independently complete a minimum of two			plete a minimum of tw	/O	
Planning Land Units	s (PLU) to identify and document resou	irce concerns using	designs/specifications for the desired practice on separate			construction/certification "check-outs" for the desired practice on			
	A-52 Form (or equivalent) and GIS map		Planning Land Units (PLU) in accordance with the most recent			separate Planning Land Units (PLU) in accordance with the most			
ArcMap, Toolkit, or	Conservation Desktop) to develop Cor	nservation Plan Maps.	SWCC BMP standard a	and policies.		recent SWCC BMP star	ndard and policies.		
2 Use the latest NI	RCS-CPA-52 (Sections A thru P) or comp	narable site	2. Independently fulfi	U/complete the "Design	n" dolivorables in	2 Indopendently fulfil	L/complete the "Install	lation" & "Chack Out"	
	independently recommend and docu		accordance with the m			2. Independently fulfill/complete the "Installation" & "Check Out" deliverables in accordance with the most recent eFOTG practice			
	ative action(s) needed to meet the clier		Work (SOW), including	•		Statement of Work (SC		•	
achieve the intende	ed purpose to mitigate associated reso	urce concerns for two	Sheet(s), Implementat	tion Requirements, or o	comparable SWCC				
different Planning L	and Units (PLU).		practice specification s	sheet(s).		3. Independently com	pile, record, and comp	lete practice	
						certification activities	•		
1 ' '	propriate "CONSERVATION PLANNING	•	•		•	("Conservation Practic	e Certification Form")	or comparable form.	
	AL ENVIRONMENTAL CONCERNS CHEC arable form, and ALL applicable resoure	•	through P or compara	ble site assessment for	m.				
1 '	diction tools, calculations, surveys, and								
· ·	nent existing resource conditions, resource	J							
	m effects of proposed alternatives.	,							

STOCK TRAILS AND WALKWAYS

ATTACHMENT 8.B

			STRE	AM CROSSING			ATTACHMEN	IT 8.B
	PRACTICE DESC	RIPTION				JOB CLASSES		
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V
		Bank Height	feet	4	6	8	10	All
578	Stream Crossing	Culvert Diameter	inches	18	24	36	48	72
		Drainage Area	acres	250	500	1,000	2,500	All
				4				
	Prerequisi					Knowledge, Skills, Abiliti		
submit the specification of the control of the cont	t fulfill ALL the Technical Competence led number of plans for review for to ledge of SWCC JAA Policy and Proced P policies. Complete "The NRCS-CPA-52 Environm	y Requirements listed for receive JAA. dures, applicable conservations and Limitations Ratings king following applicable 2. LED ckets on separate esource concerns using mapping tools (i.e. Conservation Plan comparable site ocument resource client's objective and esource concerns for	PRA 1. Independently condesigns/specifications Planning Land Units (I SWCC BMP standard 2. Independently fulf accordance with the r Work (SOW), includin Sheet(s), Implementa practice specification	2. Knowledge of cross that are suitable for co 3. Development of religeology, soil mechanic 4. Compliance with NF Affecting Utilities 503.0 5. Development of as-512.52). 6. Certification the ins Part 505 – Non-NRCS EXECTICE PHASES DESIGN (D) Inplete a minimum of the form the desired pract PLU) in accordance will and policies. ill/complete the "Desimost recent eFOTG pring O&M guidance, and tion Requirements, or sheet(s).	Construction Specification ing types (bridge, culverty on struction of a stream or ated computations and a s., hydrology, hydraulics, acc national and state ution through 503.06). In the stream of t	on 21 - Excavation and 23, ford) as well as soils, ged ossing. nalyses to develop plans a structural design, vegetat lity safety policy (NEM Parts 512, Constructural design), see the standards and specificate part A - Introduction, 505 CONSTR 1. Independently come construction/certification separate Planning most recent SWCC BM 2. Independently fulficular deliverables in a practice Statement of 3. Independently come certification activities	- Earthfill. Ilogy, fluvial geomorpho and specifications includ ion, and soil bioenginee rt 503-Safety, Subpart A uction, Subpart F – As-b uction, Subpart F – As-b ions and is in compliance 3). UCTION & CERTIFICATION uplete a minimum of t tion "check-outs" for t Land Units (PLU) in acc IP standard and polici Il/complete the "Instate coordance with the me Work (SOW) or comp	ing but not limited to ring. - Engineering Activities uilts, 512.50 through we with permits (NEM DN (C&C) wo the desired practice cordance with the es. allation" & "Check ost recent eFOTG arable SWCC form(s).
RESOURCE CONCI (see EFOTG, Secti assessments tools soils investigation	appropriate "CONSERVATION PLANN ERNS & SPECIAL ENVIRONMENTAL CO on II) or comparable form, and ALL application tools, can serosion prediction tools, can serosion prediction tools, can secessary to document existing responses, and short-term/long term effects of	ING CRITERIA, ONCERNS CHECKLIST pplicable resource llculations, surveys, and source conditions,	3. Completion of the through P or compara		•	("Conservation Praction	e Certification Form") or comparable form

STRIPCROPPING

	PRACTICE DESC	CRIPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
585	Stripcropping	Slope	%	All					
·		•	TECHNICAL CON	PETENCY REQUIREMEN	TS				
	Prerequis	ites			Practic	e Knowledge, Skills, Abiliti	es (KSAs)		
 Employee must ful 	fill ALL the Technical Competency	y Requirements listed for	this practice, and	1. Knowledge of NC's	Crops and Cropping S	ystems.			
submit the specified r	number of plans for review to rec	eive JAA.		2. Knowledge of Soil H	•				
				1 '		rosion Prediction Tools.			
and BMP policies.	ge of SWCC JAA Policy and Proced	lures, applicable conserva	ation practice standard,			aths of Equipment and S mmon Widths Used in N	•		
and Bivir policies.				6. Knowledge of Crop			С.		
3. Capability to comp	lete "The NRCS-CPA-52 Environm	nental Evaluation Worksh	eet" or comparable	o. Knowledge of crop	Nesidae Managemen	. .			
site assessment form.									
		\ - -\	PRA	ACTICE PHASES		1		··· (20.2)	
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	INVENTORY AND EVALUATION (18	<u>'</u>	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DESIGN (D)		CONSTRUCTION & CERTIFICATION (C&C)			
	nplete a minimum of two I&E pac PLU) to identify and document re	•	1. Independently complete a minimum of two			Independently complete a minimum of two construction/certification "check-outs" for the desired practice o			
,	52 Form (or equivalent) and GIS n	•	designs/specifications for the desired practice on separate Planning Land Units (PLU) in accordance with the most recent			separate Planning Land Units (PLU) in accordance with the most			
	` ' '		SWCC BMP standard and policies.			recent SWCC BMP standard and policies.			
,	, ,	,		,			,		
2. Use the latest NRC	S-CPA-52 (Sections A thru P) or co	omparable site	2. Independently fulfi	2. Independently fulfill/complete the "Design" deliverables in			2. Independently fulfill/complete the "Installation" & "Check Out		
	ndependently recommend and do		1	nost recent eFOTG prac		deliverables in accordance with the most recent eFOTG practice			
· · · · · · · · · · · · · · · · · · ·	ve action(s) needed to meet the o	•	1 ' "	g O&M guidance, and a		Statement of Work (SC	DW) or comparable SV	VCC form(s).	
	purpose to mitigate associated re	esource concerns for two	1 ' ' '	•	comparable SWCC				
different Planning Lar	nd Units (PLU).		practice specification	sneet(s).		3. Independently com certification activities			
3 Complete the appr	opriate "CONSERVATION PLANNI	ING CRITERIA RESOURCE	3 Completion of the	latest NRCS-CPA-52 W/c	orksheet Sections A		e Certification Form")		
	ENVIRONMENTAL CONCERNS CH	·	l '	ble site assessment for	•	(conscivation ructio	e certification rount j	or comparable form.	
Section II) or compara	able form, and ALL applicable reso	ource assessments tools,							
such as erosion predic	ction tools, calculations, surveys,	and soils investigations							
· •	nt existing resource conditions, re	•							
short-term/long term	effects of proposed alternatives.								

TERRACES

PRACTICE DESCRIPTION				JOB CLASSES						
Code Pr	actice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V		
600 Te	erraces	Purpose	Туре	All						
·			TECHNICAL COM	IPETENCY REQUIREMENT	гs					
Prerequisites				Practice Knowledge, Skills, Abilities (KSAs)						
1. Employee must fulfill ALL the Technical Competency Requirements listed for this practice, and				1. Knowledge of NRC	S Construction Specifi	cation 21 - Excavation a	nd 23 - Earthfill.			
· · ·				2. Ability to Assess site soil conditions and prescribe treatment and the appropriate vegetation.						
· '	and BMP policies. 3. Capability to complete "The NRCS-CPA-52 Environmental Evaluation Worksheet" or comparable				Activities Affecting Utilities 503.00 through 503.06).					
site assessment form.	FCPA-32 Environment	ai Evaluation Workshe	et of comparable	4. Development of as-built or "red-line" drawings (NEM Part 512, Construction, Subpart F – As-builts, 512.50 through 512.52).						
4. Working knowledge of Web Soil S	urvey, Suitabilities and	d Limitations Ratings.		5. Certification the installation meets applicable standards and specifications and is in compliance with						
5. Capability to perform layout and o	construction checking	following applicable p	rocedures and	permits (NEM Part 50	5 – Non-NRCS Engine	ering Services, Subpart A	A - Introduction, 505.3)	.		
Notekeeping format contained in Te	chnical Release 62.									
			DRA	CTICE PHASES						
INVENTORY AI	ND EVALUATION (I&E)		Tha	DESIGN (D)		CONSTRUCTION & CERTIFICATION (C&C)				
1. Independently complete a minimum	um of two I&E packets	on separate	Independently complete a minimum of two			Independently complete a minimum of two				
Planning Land Units (PLU) to identify	and document resour	ce concerns using	designs/specifications for the desired practice on separate			construction/certification "check-outs" for the desired practice on				
the latest NRCS-CPA-52 Form (or equ	,	•	Planning Land Units (PLU) in accordance with the most recent			separate Planning Land Units (PLU) in accordance with the most				
ArcMap, Toolkit, or Conservation De	SWCC BMP standard and policies.			recent SWCC BMP standard and policies.						
2. Use the latest NRCS-CPA-52 (Secti	ons A thru B) or somn	arable site	2. Independently fulfill/complete the "Design" deliverables in			2. Independently fulfill/complete the "Installation" & "Check Out"				
assessment form to independently re			accordance with the most recent eFOTG practice Statement of			deliverables in accordance with the most recent eFOTG practice				
alternatives/alternative action(s) needed to meet the client's objective and			Work (SOW), including O&M guidance, and any applicable Job			Statement of Work (SOW) or comparable SWCC form(s).				
achieve the intended purpose to mitigate associated resource concerns for two different Planning Land Units (PLU).			Sheet(s), Implementation Requirements, or comparable SWCC			3. Independently compile, record, and complete practice				
			practice specification sheet(s).							
							using the latest NC-CPA			
3. Complete the appropriate "CONSERVATION PLANNING CRITERIA, RESOURCE			3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A through P or comparable site assessment form.			("Conservation Practice Certification Form") or comparable form.				
CONCERNS & SPECIAL ENVIRONMEN Section II) or comparable form, and A		•	through P or comparai	ble site assessment for	m.					
such as erosion prediction tools, calc	• •									
necessary to document existing reso		•								
short-term/long term effects of prop	osed alternatives.	•								

TROUGH OR TANK

PRACTICE DESCRIPTION				JOB CLASSES						
Code	Code Practice Controlling Factor		Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V		
614	Trough or Tank	Purpose	Туре	All						
_	TECHNICAL COMPETENCY REQUIREMENTS									
	Prerequisite	Practice Knowledge, Skills, Abilities (KSAs)								
1. Employee must f	ulfill ALL the Technical Competency R	equirements listed for	this practice, and	1. Knowledge of wateri	ng facilities, water distrib	oution appurtenances and	locations, inlet/outlet det	tails at water facility		
submit the specified number of plans for review for to receive JAA.				location(s), foundation and/or stabilization measures, protective measures for animals and humans, and special conditions						
				for access (e.g. fences o	• •	:	500 G f + G + + + #			
and BMP policies.				1 '		ity safety policy (NEM Part	: 503-Safety, Subpart A - E	ingineering Activities		
3. Capability to con	nplete "The NRCS-CPA-52 Environmer	ntal Evaluation Worksh	eet" or comparable	Affecting Utilities 503.00	•	ns and analyses to develop	nlans and specifications	of water resource and		
site assessment for	n.			1	•	e and number of livestock,				
4. Working knowled	dge of Web Soil Survey, Suitabilities a	nd Limitations Ratings.		topographic survey for p		e and named of mestody	aun, mater acc, plannea	otorage volume, and		
5. Capability to per	form layout and construction checkin	g following applicable p	procedures and	1 ' " '	•	gs (NEM Part 512, Construc	ction, Subpart F – As-built	s, 512.50 through		
Notekeeping format	t contained in Technical Release 62.			512.52).				-		
				5. Certification the insta	allation meets applicable	standards and specification	ons and is in compliance v	vith permits (NEM Part		
				505 – Non-NRCS Engine	ering Services, Subpart A	- Introduction, 505.3).				
			PRA	ACTICE PHASES						
	INVENTORY AND EVALUATION (I&E)		DESIGN (D)			CONSTRUCTION & CERTIFICATION (C&C)				
1. Independently co	omplete a minimum of two I&E packe	ts on separate	1. Independently com	plete a minimum of tw	v o	1. Independently complete a minimum of two				
Planning Land Units	(PLU) to identify and document reso	urce concerns using	designs/specifications for the desired practice on separate			construction/certification "check-outs" for the desired practice on				
the latest NRCS-CPA	x-52 Form (or equivalent) and GIS map	pping tools (i.e.	Planning Land Units (PLU) in accordance with the most recent			separate Planning Land Units (PLU) in accordance with the most				
ArcMap, Toolkit, or Conservation Desktop) to develop Conservation Plan Maps.			SWCC BMP standard and policies.			recent SWCC BMP standard and policies.				
	RCS-CPA-52 (Sections A thru P) or com	•	1 ' '	complete the "Design" deliverables in		2. Independently fulfill/complete the "Installation" & "Check Out"				
assessment form to independently recommend and document resource			accordance with the most recent eFOTG practice Statement of			deliverables in accordance with the most recent eFOTG practice				
alternatives/alternative action(s) needed to meet the client's objective and			Work (SOW), including O&M guidance, and any applicable Job			Statement of Work (SOW) or comparable SWCC form(s).				
achieve the intended purpose to mitigate associated resource concerns for two										
different Planning Land Units (PLU).			practice specification sheet(s).			3. Independently compile, record, and complete practice				
						certification activities	_			
1 '	•	·	3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A through P or comparable site assessment form.			("Conservation Practic	e Certification Form")	or comparable form.		
	AL ENVIRONMENTAL CONCERNS CHE	•								
1 '	rable form, and ALL applicable resou	•								
such as erosion pre	diction tools, calculations, surveys, an	d soils investigations								
necessary to document existing resource conditions, resource concerns, and										
short-term/long ter	m effects of proposed alternatives.									
			L							

WATER CONTROL STRUCTURE

WATER CONTROL STRUCTURE ATTACHIVIENT 6.B								1 0.0	
	PRACTIC	E DESCRIPTION				JOB CLASSES			
Code	Practice	Controlling Factor	Units	Job Class I	Job Class II	Job Class III	Job Class IV	Job Class V	
	<u> </u>	Hazard Class		А	А	А	А	А	
		Effective Height (EH)	feet	15	20	25	30	35	
		Storage x EH	acre-feet2	500	1000	2000	2500	3000	
587	Water Control Structure	Drainage Area	acres	100	400	1000	2500	4000	
		Conduit Diameter	inches	12	24	36	42	48	
		Flashboard Discharge	feet3/second	10	20	40	80	200	
		Weir Discharge	feet3/second	50	150	250	350	500	
			TECHNICAL COM	MPETENCY REQUIREMENT	TS				
Prerequisites				Practice Knowledge, Skills, Abilities (KSAs)					
1. Employee	must fulfill ALL the Technical Comp	petency Requirements liste	ed for this practice, and	•	•	on 21 - Excavation and 23			
	pecified number of plans for review			_	= :	ns that conveys water, co	ntrols the direction or ra	te of flow, maintains a	
_	nowledge of SWCC JAA Policy and	Procedures, applicable con	servation practice	desired water surface elevation, or measures water. 3. Development of related computations and analyses to develop plans and specifications including but not limited to					
	d BMP policies.			geology, soil mechanics, hydrology, hydraulics, structural design, and vegetation.					
	to complete "The NRCS-CPA-52 En	vironmental Evaluation Wo	orksheet" or comparable	4. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities					
site assessme		- Little Limitations Do		Affecting Utilities 503.00 through 503.06).					
_	nowledge of Web Soil Survey, Suita			•	uilt or "red-line" drawin	gs (NEM Part 512, Constr	uction, Subpart F – As-b	uilts, 512.50 through	
	to perform layout and construction format contained in Technical Rele		able procedures and	512.52).		+dards and enocificat	ti and is in complianc	- ···ith marmita/NEM	
Notekeeping	Tormat contained in Technical Neie	:dse oz.		 Certification the installation meets applicable standards and specifications and is in compliance with permits (NEN Part 505 – Non-NRCS Engineering Services, Subpart A - Introduction, 505.3). 					
			DR.	ACTICE PHASES	ignicering services, sasp	Tare A maroadelloss, 200	.5).		
	INVENTORY AND EVALUATION	N (I&F)	1100	DESIGN (D)			RUCTION & CERTIFICATION	DN (ርዲር)	
1 Independe	ently complete a minimum of two I	• •	1. Independently complete a minimum of two designs/specifications			·			
	d Units (PLU) to identify and docum		for the desired practice on separate Planning Land Units (PLU) in			construction/certification "check-outs" for the desired practice			
, , ,			accordance with the most recent SWCC BMP standard and policies.			on separate Planning Land Units (PLU) in accordance with the			
_	Toolkit, or Conservation Desktop)		,			most recent SWCC BMP standard and policies.			
Plan Maps.		·	2. Independently fulfill/complete the "Design" deliverables in			·			
			accordance with the most recent eFOTG practice Statement of Work			2. Independently fulfill/complete the "Installation" & "Check			
2. Use the lat	test NRCS-CPA-52 (Sections A thru	P) or comparable site	(SOW), including O&M guidance, and any applicable Job Sheet(s),			Out" deliverables in accordance with the most recent eFOTG			
assessment fo	orm to independently recommend	and document resource	Implementation Requirements, or comparable SWCC practice			practice Statement of Work (SOW) or comparable SWCC form(s).			
	alternative action(s) needed to med		specification sheet(s).						
	the intended purpose to mitigate as					3. Independently com	•	•	
concerns for two different Planning Land Units (PLU).			3. Completion of the latest NRCS-CPA-52 Worksheet, Sections A			certification activities using the latest NC-CPA-09 Form			
			through P or comparable site assessment form. ("Conservation Practice Certification of the Conservation of the Conser				ce Certification Form")	or comparable form.	
3. Complete the appropriate "CONSERVATION PLANNING CRITERIA,									
RESOURCE CONCERNS & SPECIAL ENVIRONMENTAL CONCERNS									
CHECKLIST (see EFOTG, Section II) or comparable form, and ALL applicable resource assessments tools, such as erosion prediction tools, calculations,									
surveys, and soils investigations necessary to document existing resource									
conditions, resource concerns, and short-term/long term effects of									
proposed alternatives.									