

Category 1.

Conservation Practices Having a High Potential to Affect Cultural Resources.

Some conservation practices have a high potential to affect cultural resources when installed according to Natural Resources Conservation Service (NRCS) standards and specifications due to associated ground disturbance. These practices will require cultural resources consideration during the planning process. These practices are:

Practice Code Practice

560	Access Road
397	Aquaculture Ponds
316	Animal Mortality Facility
317	Composting Facility
656	Constructed Wetland
402	Dam
348	Dam, Diversion
356	Dike
362	Diversion
432	Dry Hydrant
655	Forest Trails and Landings
410	Grade Stabilization Structure
412	Grassed Waterway
320	Irrigation Canal or Lateral
428	Irrigation Ditch Lining
388	Irrigation Field Ditch
464	Irrigation Land Leveling
430	Irrigation Pipeline
436	Irrigation Reservoir
441	Irrigation System, Microirrigation
447	Irrigation System, Tailwater Recovery
460	Land Clearing
543	Land Reclamation, Abandoned Mined Land
544	Land Reclamation, Currently Mined Land
466	Land Smoothing
468	Lined Waterway or Outlet
516	Livestock Pipeline
457	Mine Shaft and Adit Closing
353	Monitoring Well
500	Obstruction Removal
582	Open Channel
378	Pond
462	Precision Land Forming
338	Prescribed Burning
562	Recreation Area Improvement
350	Sediment Basin

574	Spring Development
580	Streambank and Shoreline Protection
578	Stream Crossing
587	Structure for Water Control
606	Subsurface Drain
607	Surface Drain, Field Ditch
608	Surface Drain, Main or Lateral
600	Terrace
490	Tree/Shrub Site Preparation
620	Underground Outlet
360	Waste Facility Closure
632	Waste Separation Facility
313	Waste Storage Facility
359	Waste Treatment Lagoon
638	Water and Sediment Control Basin
640	Waterspreading
642	Water Well
658	Wetland Creation
659	Wetland Enhancement
657	Wetland Restoration

Category 2.

Conservation Practices Having a Low Potential to Affect Cultural Resources.

Some conservation practices are considered to have a low potential to affect cultural resources when the installation meets one of the following conditions:

- installation of the practice will not exceed the depth, extent, or kind of disturbance caused by previous cultivations; or
- installation of the practice will not result in ground disturbance to land that has not been previously disturbed.

If either of these conditions applies, then the conservation practice is considered to have a low potential to affect cultural resources and no further cultural resources review is needed during the planning process. If neither condition applies, then the conservation practice would be considered as having a high potential to affect cultural resources and further cultural resources consideration would be required during the planning process. **When in doubt about the potential impacts, assume that the potential to affect cultural resources exists and cultural resources consideration must be provided.** These practices are:

Practice Code	Practice
309	Agrichemical Handling Facility
311	Alley Cropping
575	Animal Trails and Walkways
396	Aquatic Organism Passage
314	Brush Management

372	Combustion System Improvement
328	Conservation Crop Rotation
332	Contour Buffer Strips
330	Contour Farming
340	Cover Crop
342	Critical Area Planting
589C	Cross Wind Trap Strips
647	Early Successional Habitat Development/Management
374	Farmstead Energy Improvement
382	Fence
386	Field Border
393	Filter Strip
394	Firebreak
512	Forage and Biomass Planting
666	Forest Stand Improvement
561	Heavy Use Area Protection
603	Herbaceous Wind Barriers
422	Hedgerow Planting
443	Irrigation System, Surface and Subsurface
455	Land Reclamation, Toxic Discharge Control
533	Pumping Plant
550	Range Planting
562	Recreation Area Improvement
643	Restoration and Management of Rare or Declining Habitats
391	Riparian Forest Buffer
390	Riparian Herbaceous Cover
610	Salinity and Sodic Soil Management
798	Seasonal High Tunnel System for Crops
646	Shallow Water Development and Management
381	Silvopasture Establishment
395	Stream Habitat Improvement and Management
585	Stripcropping
609	Surface Roughening
568	Trails and Walkways
612	Tree/Shrub Establishment
645	Upland Wildlife Habitat Management
635	Vegetated Treatment Area
634	Waste Transfer
629	Waste Treatment
614	Watering Facility
351	Water Well Decommissioning
644	Wetland Wildlife Habitat Management
380	Windbreak/Shelterbelt Establishment
650	Windbreak/Shelterbelt Renovation

Category 3.

Conservation Practices Having No Potential to Affect Cultural Resources.

Some conservation practices are primarily management related and have no potential to affect cultural resources. These practices are not just benign, but some provide beneficial effects by affecting soil or cover stability. Such practices do not require any further cultural resources review consideration during the planning process. These practices are:

Practice Code Practice

472	Access Control
591	Amendments for Treatment of Agricultural Waste
366	Anaerobic Digester
450	Anionic Polyacrylamide (PAM) Application
592	Feed Management
399	Fishpond Management
511	Forage Harvest Management
315	Herbaceous Weed Control
595	Integrated Pest Management
449	Irrigation Water Management
484	Mulching
590	Nutrient Management
521(A, B, C, D)	Pond Sealing or Lining
528	Prescribed Grazing
329	Residue and Tillage Management, No-Till/Strip Till/Direct Seed
345	Residue and Tillage Management, Mulch Till
346	Residue and Tillage Management, Ridge Till
344	Residue Management, Seasonal
558	Roof Runoff Structure
367	Roofs and Covers
442	Sprinkler System
660	Tree/Shrub Pruning
633	Waste Recycling
355	Well Water Testing

Additional Programs

Environmental and cultural resources compliance for the Conservation Stewardship Program (CSP) is to be carried out in the same manner as compliance for any other conservation program or activity. Under the CSP, NRCS is providing payments to participants who undertake enhancement activities and apply new conservation practices. The majority of CSP enhancements are directly associated with and are an extension of existing practices. The chart (2012) below provides guidance as to which conservation practice standard each CSP enhancement is either identified in the criteria or considerations. If the enhancement is not specifically listed and is a ground-disturbing activity, treat it as though it has the potential to affect cultural resources.

Code	Enhancement Name	NRCS Practice Name	NRCS-Related Practice Code * Denotes Primary Practice
AIR03	Replace burnings, removals and other crop residues with non-burning alternatives	Farmstead Energy Improvement	*374
AIR04	Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift	Integrated Pest Management	*595
AIR07	GPS, targeted spray application (SmartSprayer), or other chemical application electronic control technology	Integrated Pest Management	*595
AIR08	Nitrification inhibitors or urease inhibitors	Nutrient Management	*590
ANM03	Incorporate native grasses and/or legumes into 15% or more of herbage dry matter productivity	Forage and Biomass Planting	*512
ANM05	Extending riparian forest buffers for water quality protection and wildlife habitat	Riparian Forest Buffer	*391
ANM07	Extending existing field borders for water quality protection and wildlife habitat	Field Border	*386
ANM09	Grazing management to improve wildlife habitat	Silvopasture Establishment, Prescribed Grazing, Upland Wildlife Habitat Management	381, *528, 645
ANM10	Harvest hay in a manner that allows wildlife to flush and escape	Forage Harvest Management	*511
ANM11	Patch-burning to enhance wildlife habitat	Prescribed Burning, Upland Wildlife Habitat Management	338, *645
ANM12	Shallow water habitat	Dike, Structure for Water Control, Wetland Wildlife Habitat Management, Shallow Water Development and Management	356, 587, *644, 646
ANM17	Monitoring nutritional status of livestock using the NUTBAL PRO system	Prescribed Grazing	*528
ANM18	Retrofit watering facility for wildlife escape	Watering Facility	*614
ANM21	Prairie restoration for grazing and wildlife habitat	Prescribed Grazing, Range Planting	528, *550
ANM23	Multi-species native perennials for biomass/wildlife habitat	Forage and Biomass Planting, Range Planting	512, *550
ANM25	Stockpiling of forages to extend the grazing season	Prescribed Grazing	*528
ANM26	Managing calving to coincide with forage availability	Prescribed Grazing	*528

ANM27	Wildlife-friendly fencing	Fence	*382
ANM29	On-farm forage based grazing system	Fence, Pipeline, Prescribed Grazing, Water Facility	382, 516, *528, 614
ANM31	Drainage water management	Drainage Water Management, Structure for Water Control, Wetland Wildlife Habitat Management, Upland Wildlife Habitat Management; Road/Trail/Landing Closure and Treatment	*554, 587, 644, 645, 654
ANM32	Extend existing filter strips or riparian herbaceous cover for water quality protection and wildlife habitat	Riparian Herbaceous Cover, Filter Strip	*390, *393
ANM33	Riparian buffer, terrestrial and aquatic wildlife habitat	Riparian Herbaceous Cover, Riparian Forest Buffer	*390, *391
ANM34	Leaving standing grain crops unharvested to benefit wildlife	Upland Wildlife Habitat Management	*645
ANM35	Enhance wildlife habitat on expired grass/legume covered CRP acres or acres with similar perennial vegetated cover managed as hayland	Forage Harvest Management	381, *511, 645
ANM36	Enhance wildlife habitat on expired tree covered CRP acres or acres with similar woody cover managed as forestland	Forest Stand Improvement	338, *666
ANM37	Prescriptive grazing management system for grazed lands (includes expired CRP grass/legume or tree covered acres converted to grazed lands)	Prescribed Grazing	*528
ANM38	Retrofit watering facility for wildlife escape and to enhance access for bats and bird species	Watering Facility	*614
CCR99	Resource-Conserving Crop Rotation	Conservation Crop Rotation	*328
ENR01	Fuel use reduction for field operations	Conservation Crop Rotation, Residue and Tillage Management/No Till/Strip Till/Direct Seed	328, *329
ENR09	Variable frequency drive electric motors	Farmstead Energy Improvement	*374
ENR10	Using nitrogen provided by legumes, animal manure, and compost to supply 90 to 100% of the nitrogen needs	Cover Crop, Nutrient Management	340, *590
ENR11	Improving energy feedstock production using alley cropping systems with short rotation woody crops	Alley Cropping	*311

ENR12	Use of legume cover crops as a N source	Cover Crop, Nutrient Management	*340, 590
FPP02	On-Farm Pilot Project		N/A
FRD01	On-Farm Research and Demonstration		N/A
PLT02	Monitor key grazing areas to improve grazing management	Prescribed Grazing	*528
PLT05	Multi-story cropping, sustainable management of non-timber forest plants	Multi-Story Cropping, Forest Stand Improvement	*379, 666
PLT06	Renovation of a windbreak, shelterbelt or hedgerow for wildlife habitat	Windbreak/Shelterbelt Renovation	*650
PLT15	Establish pollinator and/or beneficial insect habitat	Field Border, Contour Buffer Strips, Hedgerow Planting, Upland Wildlife Habitat Management, Early Successional Habitat Development/Management	*327, *386, 332, 422, 645, 647
PLT16	Intensive rotational grazing	Fence, Pipeline, Prescribe Grazing, Water Facility	382, 516, *528, 614
PLT17	Creating forest openings to improve hardwood stands	Forest Stand Improvement	*666
PLT18	Increasing on-farm production with edible woody buffer landscapes	Alley Cropping, Riparian Forest Buffer, Upland Wildlife Habitat Management, Early Successional Habitat Development/Management, Windbreak/Shelterbelt Renovation	311, 391, *645, 647, 650
PLT19	Herbicide resistant weed management	Conservation Crop Rotation, Integrated Pest Management	*328, *595
PLT20	High residue cover crop or mixtures of high residue cover crops for weed suppression and soil health	Cover Crop	*340
PLT21	Forest stand improvement pre-treating vegetation and fuels preceding a prescribed fire	Prescribed Burning, Forest Stand Improvement	*338, 666
SOE03	Continuous no-till ORGANIC system	Residue and Tillage Management, No-Till/Strip Till/Direct Seed, Cover Crop	*329, 340
SOE04	Continuous no-till	Residue and Tillage Management, No-Till/Strip Till/Direct Seed, Cover Crop	*329, 340
SOE05	Intensive no-till (Organic or Non-organic systems)	Residue and Tillage Management, No-Till/Strip Till/Direct Seed, Cover Crop	*329, *340
SQL01	Controlled traffic system		N/A
SQL02	Continuous cover crop	Cover Crop	*340
SQL03	Drainage water management for nutrient, pathogen, or pesticide reduction	Drainage Water Management	*554

SQL04	Use of cover crop mixes	Cover Crop	*340
SQL05	Use deep rooted crops to breakup soil compaction	Cover Crop	*340
SQL08	Intercropping to improve soil quality and increase biodiversity	Conservation Crop Rotation	*328
SQL09	Conversion of cropped land to grass-based agriculture	Forage and Biomass Planting	*512
SQL10	Crop management system where crop land acres were recently converted from CRP grass/legume cover or similar perennial vegetation	Residue and Tillage Management, No-Till/Strip Till/Direct Seed, Cover Crop	*329, *340
SQL11	Cover cropping in orchards, vineyards and other woody perennial horticulture crops	Cover Crop	*340
SQL12	Intensive cover cropping in annual crops	Cover Crop	*340
WQL01	Biological suppression and other non-chemical techniques to manage brush, weeds and invasive species	Brush Management, Integrated Pest Management	*314
WQL03	Rotation of supplement and feeding areas	Prescribed Grazing	*528
WQL04	Plant tissue tests and analysis to improve nitrogen management	Nutrient Management	*590
WQL05	Apply nutrients no more than 30 days prior to planned planting date	Nutrient Management	*590
WQL07	Split nitrogen applications, 50% after the crops/pasture emerge/green up	Nutrient Management	*590
WQL09	Apply phosphorus fertilizer below the soil surface	Nutrient Management	*590
WQL10	Plant a cover crop that will scavenge residual nitrogen	Cover Crop	*340
WQL11	Precision application technology to apply nutrients	Nutrient Management	*590
WQL13	High level integrated pest management to reduce pesticide environmental risk	Integrated Pest Management	*595
WQL14	Land application of treated manure	Nutrient Management, Waste Treatment	*590, 629
WQL17	Use of non-chemical methods to kill cover crops	Cover Crop	*340
WQL18	Non-chemical Integrated Pest Management for livestock	Integrated Pest Management	*595
WQL19	Transition to ORGANIC grazing systems	Prescribed Grazing	*528
WQL20	Transition to ORGANIC cropping systems	Conservation Crop Rotation, Cover Crop, Nutrient Management, Integrated Pest Management	*328, 340, 590, 595
WQL21	Integrated Pest Management for ORGANIC farming	Integrated Pest Management	*595

WQL22	On-farm composting of farm organic waste	Composting Facility	*317
WQL24	Apply enhanced efficiency fertilizer products	Nutrient Management	*590
WQL25	Split applications of nitrogen fertilizer based on PSNT	Nutrient Management	*590
WQL26	Reduce the concentration of nutrients imported on farm	Nutrient Management, Feed Management	590, *592
WQT01	Irrigation system automation	Irrigation Water Management	*449
WQT03	Irrigation pumping plant evaluation	Pumping Plant	*533
WQT05	Remote monitoring and notification of irrigation pumping plant operation	Irrigation Water Management	449
WQT07	Regional weather networks for irrigation scheduling	Irrigation Water Management	*449
WQT08	Decrease irrigation water quantity or conversion to non-irrigated crop production	Conservation Crop Rotation, Irrigation Water Management	*328, *449