

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 CSP, NRCS is providing payments to participants who undertake enhancement activities and apply new conservation practices. The majorities of CSP enhancements are directly associated with and are an extension of existing practices. The chart below provides guidance as to which conservation practice standard each CSP enhancement is identified with as in the criteria or considerations.

CSP Practices that *do* require or *could* require Cultural Resources Review (depending on level of disturbance) are identified below – see corresponding notes in this table and below the table for detailed explanations

Code	NRCS Related Practice Code	Enhancement Name	NRCS Practice Name	
AIR01	590	Injecting or incorporating manure	Nutrient Management	
AIR02	590	Nitrogen Stabilizers for Air Emissions Control	Nutrient Management	
AIR03	370	Replace burning of prunings, removals and other crop residues with non-burning alternatives	Atmospheric Resource Quality management	
AIR04	370/595	Use drift reducing nozzles, low pressures, lower boom height, and adjuvants to reduce pesticide drift	Atmospheric Resource Quality management & Pest Management	
AIR05	370	Dust control on unpaved roads and surfaces	Atmospheric Resource Quality management	
AIR06	370	Replacing oil- and wood-fired heaters in orchards and vineyards	Atmospheric Resource Quality management	
AIR07	370/595	GPS, targeted spray application (SmartSprayer), or other chemical application electronic control technology	Atmospheric Resource Quality management & Pest Management	
ANM01	544/644	Drainage water management for seasonal wildlife habitat	Drainage Water Management, Wetland Wildlife Habitat Management	644 is a potential Undertaking for CR Review

ANM02	644/659	Defer crop production on temporary and seasonal wetlands	Wetland Wildlife Habitat Management & Wetland Enhancement	644 and 659 are both potential Undertakings for CR review
ANM03	512	Incorporate native grasses and/or legumes into 15% or more of the forage base	Pasture and Hay planting	
ANM04	393	Extend existing filter strips for water quality protection and wildlife habitat	Filter Strip	393 is a potential Undertaking for CR Review
ANM05	391	Extending riparian forest buffers for water quality protection and wildlife habitat	Riparian Forest Buffer	391 is a potential Undertaking for CR Review
ANM06	390	Extending existing riparian herbaceous cover for water quality protection and wildlife habitat	Riparian Herbaceous Cover	390 is a potential Undertaking for CR Review
ANM07	386	Extending existing field borders for water quality protection and wildlife habitat	Field Border	
ANM08	645/647	Improve the plant diversity and structure of non-cropped areas for wildlife food and habitat	Upland wildlife Habitat Management & Early Successional Habitat Development/Management	645 is a potential Undertaking for CR Review
ANM09	528	Grazing management to improve wildlife habitat	Prescribed Grazing	
ANM10	511	Harvest hay in a manner that allows wildlife to flush and escape	Forage Harvest Management	
ANM11	338/645	Patch-burning to enhance wildlife habitat	Prescribed Burning & Upland Wildlife Habitat Management	338 and 645 are potential Undertakings for CR Review
ANM12	644/646/356/587	Shallow water habitat	Wetland Wildlife Habitat Management, Shallow Water Development and Management, Dike, Structure for Water Control	All are considered potential Undertakings for CR Review
ANM13	390	Non-forested riparian zone enhancement for fish and wildlife	Riparian Herbaceous Cover	390 is a potential Undertaking for CR Review

ANM14	391	Riparian forest buffer, terrestrial and aquatic wildlife habitat	Riparian Forest Buffer	391 is a potential Undertaking for CR Review
ANM15	666/645	Forest stand improvement for habitat and soil quality	Forest Stand Improvement & Upland Wildlife Habitat Management	645 is a potential Undertaking for CR Review
ANM16	329/345/344	Harvesting crops using a stripper header	Residue Management	
ANM17	528	Monitoring nutritional status of livestock using the NUTBAL PRO System	Prescribed Grazing	
ANM18	614	Retrofit watering facility for wildlife escape	Watering Facility	614 is a potential Undertaking for CR Review
ANM19	386/422/612/645	Wildlife corridors	Field Border, Hedgerow Planting, Tree and Shrub Establishment, Upland Wildlife Habitat Management	422, 612, 645 have the potential to be Undertakings for CR Review
ANM20	381/645	Silvopasture for wildlife habitat	Silvo-Pasture Establishment & Upland Wildlife Habitat Management	645 is a potential Undertaking for CR Review
ANM21	550/528	Prairie restoration for grazing and wildlife habitat	Range Planting & Prescribed Grazing	
ANM22	643	Restoration and management of rare or declining habitats	Restoration and Management of Rare and Declining Habitats	
ANM23	550/512	Multi-species Native Perennials for Biomass/Wildlife Habitat	Range Planting, Pasture & Hayland Establishment, Prescribed Grazing	
CCR99	328	Resource-Conserving Crop Rotation	Conservation Crop Rotation	
ENR01	328/329	Fuel use reduction for field operations	Conservation Crop Rotation, Residue and Tillage management/No Till/Strip Till/Direct Seed	
ENR02	382	Solar powered electric fence charging systems	Fence	

ENR03	533	Pumping plant powered by renewable energy	Pumping Plant	Undertaking - requires CR Review
ENR04		Recycle 100% of farm lubricants	N/A	
ENR05		Locally grown and marketed farm products	N/A	
PLT01	327/386/332/422/645/647	Establish pollinator habitat	Conservation Cover, Field Border, Contour Buffer Strips, Hedge Row Planting/Upland Wildlife Habitat Management/Early Successional Habitat Development/Mgmt	422 and 645 are potential Undertakings for CR Review
PLT02	528	Monitor key grazing areas to improve grazing management	Prescribed Grazing	
PLT03	666/384/338	Forest stand improvement, pre-treating vegetation and fuels	Forest Stand Improvement, Forest Slash Treatment, Prescribed Burning	338 is a potential Undertaking for CR Review
PLT04	338	Forest stand improvement, prescribed burning	Prescribed Burning	
PLT05	379/409/666	Multi-story cropping, sustainable management of nontimber forest plants	Multi-Story Cropping, Prescribed Forestry, Forest Stand Improvement	
PLT06	650	Renovation of a windbreak, shelter belt or hedgerow for wildlife habitat	Windbreak/Shelterbelt Renovation	650 is a potential Undertaking for CR Review
PLT07	666	Hardwood crop tree release	Forest Stand Improvement	
PLT08	327/386/332/422	Habitat development for beneficial insects for pest management	Conservation Cover, Field Border, Contour Buffer Strips, Hedge Row Planting	
PLT10	528	Intensive management of rotational grazing	Prescribed Grazing	

SOE01	329/340	Continuous no till with high residue	Residue Management & Cover Crop	
SOE02	327	Protection of cultural resource	Conservation Cover	Would be an Undertaking for CSP
SOE03	329/340	Continuous no till organic system	Residue Management & Cover Crop	
SQL01		Controlled traffic system	N/A	
SQL02	340	Continuous cover crops	Cover Crop	
SQL03	554	Drainage water management for nutrient, pathogen, or pesticide reduction	Drainage Water Management	
SQL04	340	Use of cover crop mixes	Cover Crop	
SQL05	340	Use deep rooted crops to breakup soil compaction	Cover Crop	
SQL06	512	Conversion of cropped land to grass-based agriculture for biomass or forage production and wildlife habitat	Pasture and Hay planting	
WQL01	314/595	Biological suppression and other non-chemical techniques to manage brush and invasive species	Brush Management & Pest Management	314 is a potential Undertaking for CR Review
WQL02	595	Biological suppression and other non-chemical techniques to manage herbaceous weeds and invasive species	Pest Management	
WQL03	528	Rotation of supplement and feeding areas	Prescribed Grazing	
WQL04	590	Plant tissue tests and analysis to improve nitrogen management	Nutrient Management	
WQL05	590	Apply nutrients no more than 30 days prior to planned planting date	Nutrient Management	
WQL06	590	Apply controlled release nitrogen fertilizer	Nutrient Management	
WQL07	590	Split nitrogen applications 50% after crop emergence	Nutrient Management	

WQL08	590	Apply split applications of nitrogen based on a pre-sidedress nitrogen test on cropland	Nutrient Management	
WQL09	590	Apply phosphorus fertilizer below soil surface	Nutrient Management	
WQL10	340	Plant a cover crop that will scavenge residual nitrogen	Cover Crop	
WQL11	590	Precision application technology to apply nutrients	Nutrient Management	
WQL12	472/528	Managing livestock access to water bodies/courses	Access Control & Prescribed Grazing	
WQL13	595	High level integrated pest management to reduce pesticide environmental risk	Pest Management	
WQL14	629/590	Land application of treated manure	Waste Treatment & Nutrient Management	
WQL15	590/592	Reduce the concentration of nutrients on farm by limiting the amount of feed and fertilizer brought on livestock farms	Nutrient Management, Feed Management	
WQL16	340/590	Use of legume cover crops as a nitrogen source	Cover Crop & Nutrient Management	
WQL17	340	Use of non-chemical methods to kill cover crops	Cover Crop	
WQL18	595	Non-chemical pest control for livestock	Pest Management	
WQL19	528	Transition to organic grazing systems	Prescribed Grazing	
WQL20	328, 340, 590, 595	Transition to organic cropping systems	Conservation Crop Rotation, Cover Crop, Nutrient and Pest management	
WQL21	595	Integrated pest management for organic farming	Pest Management	
WQT01	449	Irrigation system automation	Irrigation Water Management	

WQT02	484	Mulching for moisture conservation	Mulching	
WQT03	533	Irrigation pumping plant evaluation	Pumping Plant	Undertaking requiring review for CR
WQT04	449	Regional weather networks for irrigation scheduling	Irrigation Water Management	
WQT05	449	Remote monitoring and notification of irrigation pumping plant operation	Irrigation Water Management	
FRD01		On Farm Research and Demonstrations	N/A	
FPP02		On Farm Pilot Projects	N/A	

*Explanations for practices listed as both Undertakings and Exempt (i.e. conditional) are presented below:

Anaerobic Digester – If any components (i.e. pipes, tank, waste storage) are installed underground then it is considered an Undertaking.

Brush Management – Undertaking when using mechanical means. Exempt when chemical.

Critical Area Planting – Undertaking when it involves grading or shaping or breaks new ground.

Filter Strip - Undertaking when it involves grading or shaping or breaks new ground.

Firebreak – It is an Undertaking in non-cropped areas.

Forest Site Preparation – Undertaking if any mechanical treatments are applied (disking, plowing, dozing, land clearing blade use, etc.).

Grade Stabilization – Exempt when repairing or rehabing existing structure(s) and when disturbance is limited to the originally disturbed area.

Undertaking if borrow will be acquired adjacent to the repair/rehab site or work extends outside of original footprint. In all other cases it is an Undertaking and the area of impact includes borrow areas.

Hedgerow Planting – Undertaking if disturbance is related to planting or renovation; Undertaking if disturbance is vertically and/or horizontally significant and/or in a high probability area for cultural resources.

Lined Waterway or Outlet – If it is a new installation then it is an Undertaking. If adding a liner to a previously disturbed waterway (e.g. adding a liner on top of a waterway and anchoring down with staples) then Exempt.

Pipeline – Below ground installation is considered an Undertaking, above ground is Exempt.

Prescribed Burning – Exempt in previously cropped areas. Undertaking in non-cropped areas.

Riparian Forest Buffer – This practice is typically installed in high probability areas therefore with any degree of site preparation or alteration it should be considered an Undertaking. If hand planting with minimal disturbance or if natural vegetation is the preferred method then it is Exempt.

Riparian Herbaceous Cover – Undertaking when new or significant ground disturbance is involved.

Salinity and Sodic Soil Management – When a subsurface drain or subsurface disturbance is required then it is an Undertaking. If applying chemical treatment or shallow vegetative planting then it is Exempt.

Seasonal Tunnel Systems for Crops - considered a conditional practice requiring review for cultural resources when ground disturbance will extend beyond the depth of the normal plow zone or when other associated practices will exceed the depth of this plow zone. EQIP requirements mandate that the High Tunnel practice be located in existing cultivated cropland. If providing assistance on High Tunnels outside of EQIP on previously undisturbed ground then the practice would be considered an undertaking.

Stream Habitat Improvement and Management – Review depends on degree of disturbance.

Subsurface Drain – If it's a repair or replacement with no new disturbance then it is Exempt.

Terraces – Undertaking when new terraces are being constructed. Exempt when repairing or reworking existing terraces.

Tree/Shrub Establishment – Exempt when disturbance is minimal or in already disturbed areas. If disturbance will be below the plow zone or substantial impacts are anticipated in a high probability area for cultural resources then it is an Undertaking.

Underground Outlet – When being repaired or replaced in a previously disturbed area then Exempt. Otherwise it's an Undertaking.

Upland Wildlife Habitat Management – Undertaking when vegetative manipulation involves mechanical means or prescribed burning. Same for tree and shrub plantings - when disturbance is either extensive or accomplished by mechanical means in previously undisturbed areas then it's an Undertaking.

Use Exclusion –Undertaking when disturbance from constructing barriers (natural or artificial), fencing, or plantings is significant.

Vegetative Barrier – Undertaking when site preparation is mechanical or disturbance from either site prep or planting is significant.

Wetland Enhancement and Restoration – If disturbance, including borrow areas, is outside of, adjacent to, or on the edge of the basin it is an Undertaking.

If disturbance is limited to the wetland basin or previously disturbed areas (i.e. tile breaks, repairing a dam, etc.) it is Exempt.

Wetland Wildlife Habitat Management – Undertaking when installing water control structures or performing restoration activities (including the need for borrow or earth moving). Exempt when installing artificial structures or performing shallow vegetative plantings.

Windbreak/Shelterbelt Establishment and Renovation – Exempt when the project area has been previously disturbed or impacts will be shallow (i.e. in or above the plow zone). Undertaking when disturbance is significant (e.g. using heavy equipment to clear, burn, and/or bury piles of old trees or excavate to plant large trees).