MO 2017 EQIP-RCPP Our Missouri Waters

Environmental Quality Incentives Program Policy for the 2015 RCPP Project with Missouri Department of Natural Resources

October 21, 2016

This Policy is based on the Final Rule for EQIP, Federal Register 7 CFR Part 1466 published May 12, 2016.

NRCS will verify Beginning Farmer, Limited Resource Farmer, and/or Veteran Farmer status prior to contract obligation. There is no verification process for participants who self cerify as Socially Disadvantaged. All practices must meet the minimum criteria in the Conservation Practice Standard (see the Missouri eFOTG) and the criteria listed below.

If the applicant is a tenant, the applicant must obtain written evidence or assurance of control from the landowner prior to contract obligation. Control may be a written lease, other legal agreement, or letter signed by the landowner indicating the length of control. Zero payment share landowner signature on the contract document does not demonstrate control of land.

Payment Scenarios - Each conservation practice listed in this policy has one or more payment scenarios available. The scenario nomenclature is determined by NRCS at the regional or national level. Where the scenario name is not descriptive enough to cover all the State Conservationist and State Technical Committee approved uses of the scenario for Missouri, a footnote has been added directly below the scenario name to clarify its use in planning and contract development.

Management Practices - Management practice payments are only available on acres where the practice has not been previously applied (with or without financial assistance), or where the practice will result in a higher level of conservation benefit.

Structural Practices - Structural practices include conservation practices that are either structural or vegetative, and have a multi-year lifespan. Structural practices involve the establishment, construction, or installation of site-specific measures. Payments are established as a one-time payment. In addition to control of land, tenants must obtain and provide to NRCS prior to obligation written concurrence from the landowner to apply a structural or vegetative practice. In lieu of written concurrence, the landowner may be a signatory to the contract with 0% payment shares to indicate their concurrence.

Maximum Payments - Maximum payments, where identified in this policy, are implemented at the contract item (CIN) Level in ProTracts by using the Cost Share Cap input box. The contract may have multiple CINs for a practice, however each CIN must be capped utilizing the Cost Share Cap input box at the Maximum Payment level identified in this policy.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
472	**Access Control**						
	Structural	**$5,000**	**$7,000**	**Acre**			**10**
	Animal exclusion from sensitive areas			Acre	$33.29	$39.95	

1 Payment is authorized to exclude livestock only if livestock currently have access to the area to be excluded at the time of EQIP application. An EQIP funded Permanent Fence (382) is required in conjunction with this practice.

2 Payment is based on the number of acres protected from livestock.

3 See the (472) Access Control conservation practice standard.

327	**Conservation Cover**						
	Structural			**Acre**			**5**
	Introduced with Foregone Income			Acre	$411.53	$493.84	
	Scenario is applicable to introduced grass/legumes and perennial green browse.						
	Native Species with Foregone Income			Acre	$453.72	$544.46	
	Pollinator Species with Foregone Income			Acre	$670.87	$805.04	
	Scenario is applicable to pollinator habitat and prairie restorations. For prairie restorations, payment is only authorized where the Ecological Site Description indicates a prairie, and is restored as specified within the 643 Restoration and Management of Rare and Declining Habitats conservation practice standard.						
	Monarch Species Mix			Acre	$673.36	$808.04	
	Monarch Species Mix - Interseeding			Acre	$226.73	$272.07	

1 Payment is authorized for the establishment and maintenance of permanent vegetative cover on land not utilized for forage production.

2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.

3 Only one scenario is applicable per acre (i.e., multiple options such as native species and pollinator species cannot be stacked on the same acre).

4 Refer to the (645) Upland Wildlife Habitat Management conservation practice standard for the Pollinator Species and Monarch Species scenarios.

5 See the (327) Conservation Cover conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
328	**Conservation Crop Rotation**						
	Management	**$13,000**	**$18,000**	**Acre**			**1**
	Basic Rotation Organic and Non-Organic			Acre	$4.36	$5.24	
	Sceanrio is applicable to adding a small grain to the rotation. Payment made only when the small grain is harvested.						

1 Practice is only authorized for one payment per acre within the contract period.

2 No more than three separate management practices may be combined per acre.

3 See the (328) Conservation Crop Rotation conservation practice standard.

332	**Contour Buffer Strips**						
	Structural			**Acre**			**5**
	Native Species, Foregone Income (Organic and Non-Organic)			Acre	$320.37	$384.45	
	Wildlife/Pollinator, Foregone Income (Organic and Non-Organic)			Acre	$493.73	$592.47	
	Scenario is only eligible for financial assistance when installed 30 ft or greater in width.						

1 Payment is on the acres of contour buffer strips established to permanent cover (not all acres in the field), and includes vegetation establishment.

2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.

3 Only one scenario is applicable per acre (i.e., multiple options such as native species and wildlife/pollinator species cannot be stacked on the same acre).

4 See the (332) Contour Buffer Strips conservation practice standard.

340	**Cover Crop**						
	Management	**$30,000**	**$36,000**	**Acre**			**1**
	Cover Crop - Basic and organic/non-organic			Acre	$62.84	$75.40	

1 Practice is authorized for up to three payments per acre within the contract period.

2 Payment is only authorized when implemented as part of a no till system, including furrow irrigated no till systems (both cover crop and cash crops are no tilled, aerial seeded or broadcast).

3 Payment is not authorized for crops harvested for grain, seed or hay.

4 No more than three separate management practices may be combined per acre.

5 See the (340) Cover Crop conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
342	**Critical Area Planting**						
	Structural			**Acre**			**10**
	Vegetation-normal tillage (Organic and Non-Organic)			Acre	$139.76	$167.71	

1 See the (342) Critical Area Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification.

554	**Drainage Water Management**						
	Management			**Acre**			**1**
	>10 Acres per Structure			Acre	$5.30	$6.36	
	Scenario is applicable to management of structures with >10 acres of drainage area						
	<=10 Acres per Structure			Acre	$7.96	$9.55	
	Scenario is applicable to management of structures with <=10 acres of drainage area						

1 This practice is only authorized on drainage systems in place when the CPA1200 is signed.

2 Payment is available where drainage can be manipulated through the use of water control structures at the outlets.

3 Payment is only authorized where water control structures are managing drainage on land of ≤1% slope.

4 Payment is only authorized when the participant can provide a completed 130 Conservation Activity Plan OR can provide the following to NRCS; a 1' interval topographical map of the site, existing tile map (showing locations, sizes and flow grades), and planned or existing structure locations and impacted area of each structure.

5 Practice is only authorized for one payment per acre within the contract period.

6 No more than three separate management practices may be combined per acre.

7 See the (554) Drainage Water Management conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
382	**Fence**						
	Structural	**$21,000**	**$30,000**	**Feet**			**20**
	Temporary/Portable Fence			Foot	$0.36	$0.43	
	Temporary_Portable for Small Livestock			Foot	$1.08	$1.29	
	Scenario is applicable to portable fence products such as electric netting with smaller classes of animals such as; goats, sheep, poultry, etc. where containment by a single strand temporary/portable fence is not adequate.						
	Permanent High Tensile Electric Single Strand			Foot	$0.78	$0.94	
	Permanent High Tensile Electric 2-3 Strand			Foot	$1.15	$1.38	
	Scenario is applicable to all multi-strand high tensile electric fence installations, and small ruminant electrified woven wire fence products.						
	Permanent Barbed Wire Multi Strand			Foot	$1.59	$1.90	
	Scenario is also applicable to woven wire fence installations.						

1 This practice is only authorized as a component of (528) Prescribed Grazing, (472) Access Control, (378) Pond, (410) Grade Stabilization Structure, (366) Anaerobic Digester, (313) Waste Storage Facility and/or (359) Waste Treatment Lagoon to exclude livestock from areas that need protection, confine livestock to an area, control domestic livestock while permitting wildlife movement, and/or subdivide grazing acres to facilitate the use of a (528) Prescribed Grazing system.

2 Only one Fence payment can be earned for each length/reach of fence (i.e., multiple options can not be stacked on the same running length/reach of fence).

3 See the (382) Fence conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
386	**Field Border**						
	Structural			**Acre**			**10**
	Field Border, Introduced Species, Foregone Income			Acre	$312.35	$374.83	
	Field Border, Native Species, Foregone Income			Acre	$405.03	$486.04	
	Field Border, Pollinator, Foregone Income			Acre	$448.07	$537.69	

1 Payment includes vegetation establishment. Payment is not available for natural regeneration.

2 Payment includes site preparation equivalent to two activities or passes (spraying, disking, mowing, burning, etc). Where additional site preparation activities are needed through 314, 315 or 338 for adequate seedbed prep a waiver can be requested from the State Office.

3 Only one scenario is applicable per acre (i.e., multiple options such as native species and pollinator cannot be stacked on the same acre).

4 Refer to the (645) Upland Wildlife Habitat Management conservation practice standard for the Pollinator option.

5 See the (386) Field Border conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
393	**Filter Strip**						
	Structural			**Acre**			**10**
	Filter Strip, Native species, Foregone Income			Acre	$454.74	$545.69	

1 Payment is on the acres of filter strip established, and includes vegetation establishment. Payment is not available for natural regeneration.

2 Only one scenario is applicable per acre (i.e., multiple options such as introduced species and native species cannot be stacked on the same acre).

3 See the (393) Filter Strip conservation practice standard

512	**Forage and Biomass Planting**						
	Structural	**$28,500**	**$40,000**	**Acre**			**5**
	Interseeding Legumes and/or Forbs			Acre	$133.20	$159.84	
	Introduced Grass Establishment or Renovation			Acre	$173.03	$207.64	
	Native Grass Establishment or Renovation - with fertility			Acre	$329.83	$395.80	
	Scenario is applicable to any native grass establishment or renovation regardless of fertility requirements (follow standards and specifications for soil test and fertility requirements).						
	Pasture Renovation Utilizing Interim Seeding			Acre	$246.68	$296.02	
	Scenario includes establishment of an interim stand prior to the new perennial stand being established. This scenario applies to, but not limited to, renovation of endophyte fescue stands utilizing the spray - smother - spray technique.						

1 Payment is not authorized for the conversion of native prairie or woodland to pasture or hayland.

2 See the (512) Forage and Biomass Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
410	**Grade Stabilization Structure**						
	Structural	**$10,000**	**$13,000**	**Number**			**15**
	Embankment 8in-12in Pipe			Cu Yd Fill	$3.42	$4.11	
	Scenario is applicable to any pipe size needed to meet standards and specifications						
	Pipe Drop, Smooth Steel or CMP			Sq Ft	$9.96	$11.95	
	*Full Flow Drop Pipe Structure. Payment unit is riser weir length * barrel length.*						
	Concrete Block Chute			Sq Ft	$7.45	$8.94	
	Payment unit is concrete block lined area						
	Rock Rip Rap Chute			Cu Yd Rock	$52.73	$63.27	
	Concrete Drop Structure			Cu Yd Conc	$627.05	$752.47	
	Gabion Chute			Cu Yd	$229.99	$275.99	
	Geotextile Reinforced Vegetated Outlet			Sq Ft	$2.01	$2.42	
	Side Inlet			Foot	$50.54	$60.65	
	Bottomland Drop Pipe						

1 All Scenarios except "Side Inlet": Payment is authorized when it is the least-cost method for an outlet in conjunction with a (600) Terrace or (412) Grassed Waterway conservation practice, and the terrace or waterway was previously installed or is included in this EQIP application.

2 Side Inlet Scenario: Payment is authorized as an outlet in conjunction with Main, Lateral, and/or Field Ditches installed for surface drainage in bottomland fields.

3 See the (410) Grade Stabilization Structure conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
412	**Grassed Waterway**						
	Structural			**Acre**			**10**
	35-55 foot topwidth			Acre	$2,559.28	$3,071.14	
	Scenario is applicable to any waterway ≤ 55 feet wide						
	35-55 foot topwidth with checks			Acre	$3,396.07	$4,075.28	
	Scenario is applicable to any waterway ≤ 55 feet wide						
	>55 foot topwidth			Acre	$3,109.61	$3,731.53	
	>55 foot topwidth with checks			Acre	$3,899.40	$4,679.28	

1 Payment includes vegetation establishment. Do not contract Critical Area Planting (342) in conjunction with this practice. Payment does not include (484) Mulching.

2 See the (412) Grassed Waterway conservation practice standard.

561	**Heavy Use Area Protection**						
	Structural			**Acre**			**10**
	Gravel without Geotextile, Thick			Sq Ft	$0.88	$1.06	
	Scenario is applicable to any gravel depth with and without geotextile that meets standards and specifications						
	Geocell and Gravel HUA			Sq Ft	$2.97	$3.56	

1 Payment for this practice is only authorized as a component of (528) Prescribed Grazing or (472) Access Control.

2 See the (561) Heavy Use Area Protection" conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
516	**Livestock Pipeline**						
	Structural	**$11,500**	**$16,000**	**Feet**			**20**
	Above Ground Pipeline			Foot	$0.80	$0.96	
	Buried Pipeline, < 2in Plastic			Foot	$1.84	$2.21	
	Buried Pipeline, 2in - 3in Plastic			Foot	$2.67	$3.20	
	Buried Pipeline, >3in			Foot	$4.79	$5.74	
	Cased Pipeline with Boring			Foot	$79.83	$95.80	
	Scenario includes pipe						

1 Payment for this practice is only available as a component of (528) Prescribed Grazing and/or (472) Access Control to provide livestock water on grazing lands where existing water supplies are inadequate for proper grazing management and site conditions warrant the practice.

2 See the (516) Livestock Pipeline conservation practice standard.

484	**Mulching**						
	Management			**Acre**			**1**
	Natural Material, Vegetation Establishment			Acre	$242.96	$291.56	
	Natural Material, Soil Moisture Management			Acre	$318.18	$381.82	
	Synthetic Material, Soil Moisture Management			Acre	$1,291.11	$1,549.34	
	Tree and Shrub, Individual Treatment, Soil Moisture Management			Each	$1.80	$2.16	
	Use this scenario when trees/shrubs will be mulched individually rather than in a continuous mulched row. Otherwise use the appropriate per acre soil moisture management mulching option.						

1 Practice is only authorized for one payment per acre within the contract period.

2 See the (484) Mulching conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
590	**Nutrient Management**						
	Management	**$6,000**	**$8,500**	**Acre**			**1**
	Basic NM (Non-Organic/Organic)			Acre	$2.44	$2.93	
	Basic NM with Manure and/or Compost (Non-Organic/Organic)			Acre	$4.20	$5.04	
	Scenario is applicable to surface applications of manure and/or compost without incorporation.						
	Basic NM with Manure Injection or Incorporation			Acre	$16.90	$20.29	
	NM Nitrification/Urease Inhibitors, variable rate, grid/zone soil sampling, soil nitrate/plant tissue test (Non-Organic/Organic)			Acre	$23.64	$28.37	
	Payment is authorized for the following activities under this scenario: Nitrification and urease inhibitors with nitrogen fertilizer applications; slow- and controlled-release fertilizer formulations; split applications of nitrogen fertilizers; tissue testing by chlorophyll meter or spectral reflectance sensors (see MO Agronomy Technical Note No. 35); and variable-rate applications of nitrogen fertilizers guided by spectral reflectance as specified in MO Agronomy Technical Note No. 35. See the MO EQIP Nutrient Management Activity Sheet for allowable products and specific implementation requirements.						
	Variable-rate applications of phosphorus and potassium are not authorized for payment under this scenario. Use Basic NM.						

1 Payment is available when fertilizer nutrients are applied according to a budget for nitrogen, phosphorus, and potassium, plus or minus 10% by individual nutrient. When the soil test shows a lime requirement >600 lb ENM/acre, the specified amounts must be applied plus or minus 10%.

2 The budget specifies amounts of nitrogen, phosphate, and potash applied, utilized, and remaining in soil (nutrients supplied - nutrients utilzed by crop = nutrients remaining).

3 Payment is available on land having subsurface drainage system only if (554) Drainage Water Management is applied on the same acres receiving any (590) payment.

4 Practice is only authorized for one payment per acre within the contract period.

5 No more than three separate management practices may be combined per acre.

6 See the applicable MO NRCS "Nutrient Management" Activity Sheet and the (590) Nutrient Management conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
528	**Prescribed Grazing**						
	Management	**$9,500**	**$13,000**	**Acre**			**1**
	Low Intensity, > 7 Day Rotation Frequency			Acre	$21.11	$25.33	
	Medium Intensity, 7-3 Days Rotation Frequency			Acre	$32.31	$38.77	
	High Intensity, <=2 Day Rotation Frequency			Acre	$45.90	$55.09	
	Enhanced - Strip Grazing			Acre	$54.41	$65.29	
	Scenario is appropriate for both winter stockpiling/stripgrazing and/or summer stripgrazing for soil health. For summer stripgrazing only, livestock are grazed on mature pasture within the June 1 to August 31 time frame, managed at a high stock density of at least 50,000 lbs/ac, and pastures are managed for a livestock utilization rate of 60% or less.						
	High Density Grazing			Acre	$61.40	$73.69	
	Livestock are grazed on pasture for at least 300 days per calendar year, managed at a stock density of at least 50,000 lbs for 75% of the grazing days, and pastures are managed for a livestock utilization rate of 60% or less per grazing event.						
	Deferment for Wildlife			Acre	$45.08	$54.10	
	Defer pasture grazing for ≥ 90 days to manage for invasive weed control, improve health of forage plants, or nesting/cover for wildlife species. Not to be used as deferrment for forage establishment. If utilized for wildlife species nesting/cover, grazing must be deferred for a continuous ≥ 90 day period that includes the primary nesting season of May 1 - July 15.						
	Long Term Deferment			Acre	$60.77	$72.92	
	Defer pasture grazing for ≥ 210 days to manage for invasive weed control, improve health of forage plants, or nesting/cover for wildlife species. Not to be used as deferrment for forage establishment. If utilized for wildlife species nesting/cover, grazing must be defered for a continuous ≥210 day period that includes the primary nesting season of May 1 - July 15.						

1 Practice is only authorized for one payment per acre within the contract period.

2 No more than three separate management practices may be combined per acre.

3 See the (528) Prescribed Grazing conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
533	**Pumping Plant**						
	Structural			Number			15
	Livestock Water, Shallow Well Pump (<= 25 ft deep)			Each	$1,120.01	$1,344.01	
	Livestock Water, Shallow Well Pump (<= 25ft deep) with Above Ground Pump House			Each	$1,803.09	$2,163.71	
	Livestock Water, Deep Well Pump (>25 ft deep)			Each	$1,419.47	$1,703.36	
	Livestock Water, Deep Well Pump (> 25ft deep) with Above Ground Pump House *Payment is not authorized for a Deep Well Pump for use with surface water sources.*			Each	$2,102.55	$2,523.06	
	Solar Pump for Shallow Well or Spring Development			Each	$2,471.39	$2,965.66	
	Solar Pump for Deep Well *Payment is only authorized for the Solar options when electricity is not available or cost prohibitive.*			Each	$7,904.15	$9,484.98	
	Livestock Non-Electric Pump			Each	$881.47	$1,057.77	

1 Payment is only authorized when needed as a component of (528) Prescribed Grazing and/or (472) Access Control

2 Payment is not authorized for electricity or a power unit or for PTO-driven pumps.

3 Payment is not authorized for used pumps.

4 See the (533) Pumping Plant conservation practice standard.

391	**Riparian Forest Buffer**						
	Structural			Acre			15
	Direct Seeding			Acre	$585.46	$702.55	
	Bareroot trees, each			Each	$1.31	$1.57	
	Bareroot shrubs, each			Each	$0.96	$1.15	
	Container Tress and Shrubs (3 gallon), Each			Each	$14.86	$17.84	

1 Payment is not available for natural regeneration. Payment includes tree/shrub costs. Payment does not include site preparation.

2 See the (391) Riparian Forest Buffer conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
578	Stream Crossing						
	Structural			Number			10
	Concrete Crossing			Sq Ft	$5.49	$6.59	
	Rip Rap Crossing			Sq Ft	$2.47	$2.96	

1 Payment is only authorized as a component of (472) Access Control, or when included as a planned practice in a Forest Management Plan approved prior to contract obligation (see FMP definition in footnote 2/) on forestland.

2 Financial assistance is not available for bridges or culverts.

3 Stream crossings will be constructed at the same elevation as the channel bed.

4 Applicant will acquire all US Army Corps of Engineers permits and wetland determinations before practice commencement.

5 See the (578) Stream Crossing conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
587	**Structure for Water Control**						
	Structural			Number			20
	Inline Stoplog WCS, Surface Water Control, 6-10 in. dia. Pipe			Each	$1,947.01	$2,336.41	
	Inline Stoplog WCS, Surface Water Control, 12-18 in. dia. Pipe			Each	$3,238.13	$3,885.75	
	Inline Stoplog WCS, Surface Water Control, >18 in. dia. Pipe			Each	$5,401.18	$6,481.42	
	Weir Box Inlet WCS, Surface Water Control, <=16 in. dia. Pipe			Each	$2,856.86	$3,428.24	
	Weir Box Inlet WCS, Surface Water Control, >16 in. dia. Pipe			Each	$4,014.49	$4,817.38	
	Weir Box Inlet WCS, Surface Water Control Using Existing Pipe (Box Only)			Each	$388.70	$466.44	
	Watertight Flapgate Inflow WCS, Surface Water Control, <=15 in. dia. Pipe			Each	$2,427.22	$2,912.67	
	Stand alone water control structure that includes the pipe installation. Scenario is not authorized as a component of any other 587 scenario.						
	Watertight Flapgate Inflow WCS, Surface Water Control, >15 in. dia. Pipe			Each	$2,961.47	$3,553.77	
	Stand alone water control structure that includes the pipe installation. Scenario is not authorized as a component of any other 587 scenario.						
	Straight Pipe, Surface Water Control, <=10 in. dia. Pipe (w/o adjustable control)			Ft Pipe	$33.58	$40.30	
	Straight Pipe, Surface Water Control, >=12 in. dia. Pipe (w/o adjustable control)			Ft Pipe	$40.45	$48.54	
	Inline WCS, Subsurface Drainage Control, <=10 in. dia. Pipe			Each	$1,290.21	$1,548.25	
	Inline WCS, Subsurface Drainage Control, >10 in. dia. Pipe			Each	$1,770.89	$2,125.07	

1 Payment is authorized for water control structures when needed for (554) Drainage Water Management, (443) Irrigation System - Surface and Subsurface, (449) Irrigation Water Management and/or (646) Shallow Water Development and Management

2 When used in conjunction with subsurface irrigation or drainage water management the existing subsurface tiles &/or surface ditches must be in place when the EQIP application is initiated (i.e., CPA1200 is signed).

3 See the (587) Structure for Water Control conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
606	**Subsurface Drain**						
	Structural			Feet			20
	<= 5in CPP			Foot	$1.57	$1.88	
	6in CPP			Foot	$1.89	$2.27	
	8in CPP			Foot	$4.49	$5.38	
	10in CPP			Foot	$5.93	$7.11	
	12in CPP			Foot	$6.65	$7.98	
	>= 15in CPP			Foot	$8.52	$10.22	

1 Payment is only authorized for this practice when it is required to establish and maintain (412) Grassed Waterway vegetation cover in conjunction with the installation of a (412) Grassed Waterway.

2 See the (606) Subsurface Drain conservation practice standard

600	**Terrace**						
	Structural	$24,000	$34,000	Feet			10
	Broadbase, no Topsoiling			Foot	$2.03	$2.44	
	Broadbase, with Topsoiling			Foot	$3.25	$3.91	
	Grassed Front or Steep Backslope, no Topsoiling			Foot	$1.79	$2.15	
	Scenario is also applicable to Narrowbase terrace installations. Scenario does not include seeding, utilize (342) Critical Area Planting.						
	Grassed Front or Steep Backslope, with Topsoiling			Foot	$3.01	$3.61	
	Scenario is also applicable to Narrowbase terrace installations. Scenario does not include seeding, utilize (342) Critical Area Planting.						

1 Payment is only authorized where the terraces will outlet into natural vegetative outlets in existing cover or grassed waterways.

2 Where an Underground Outlet is installed associated with a terrace, the UGO must meet NRCS standards and specifications. No financial assistance is available for UGO under this program policy.

3 Underground Outlets must outlet into a vegetative outlet that is a minimum of 20 feet wide (not directly into a water course).

4 See the (600) Terrace conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
612	**Tree/Shrub Establishment**						
	Structural			**Acre**			**15**
	Hardwood Establishment, Direct Seeding			Acre	$585.46	$702.55	
	Bareroot Trees and Shrubs, Each			Each	$0.57	$0.68	
	Bareroot Tress and Shrubs, with Tree Shelters, Each			Each	$2.55	$3.06	
	Tree shelters are tubes made of light stabilized polypropylene or polyethylene material and come in various heights (2-6') determined by the need and intended function of the shelter.						
	Container Trees and Shrubs (3 gallon), Each			Each	$8.64	$10.36	
	Container Tress and Shrubs (3 gallon) with tree shelters, Each			Each	$12.46	$14.95	
	Tree shelters are tubes made of light stabilized polypropylene or polyethylene material and come in various heights (2-6') determined by the need and intended function of the shelter.						
	1 See the (612) Tree/Shrub Establishment conservation practice standard.						
642	**Water Well**						
	Structural	**$15,000**	**$21,000**	**Number**			**20**
	Large Diameter Drilled Well			Foot	$140.96	$169.16	
	Large diameter wells provide water storage in low yield wells typically using diameters 36 - 60 inches. Commonly utilized in northern Missouri.						
	Shallow Drilled Well, <= 100 feet, <= 6in Diam			Foot	$41.26	$49.51	
	Shallow Drilled Well, <= 100 feet, > 6in Diam			Foot	$49.32	$59.19	
	Deep Drilled Well, > 100 Feet			Foot	$20.88	$25.05	

1 Payment is only authorized for this practice as a component of (528) Prescribed Grazing, (472) Access Control and/or a CNMP (CNMP must identify that a new water well is necessary to comply with wellhead protection requirements before technical or financial assistance is provided).

2 Payment is authorized for this practice on grazing lands where the current water supply is inadequate, and the underground water supply is adequate in quantity and quality for the purpose to be served and can be developed at an economical cost.

3 Payment is not authorized for electricity or a power unit.

4 See the (642) Water Well conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
614	**Watering Facility**						
	Structural	**$5,000**	**$7,000**	**Number**			**10**
	Portable Tank			Each	$150.16	$180.19	
	Tire Tank			Each	$888.08	$1,065.70	
	Payment is authorized using this scenario for all permanent tank installations that meet the 614 conservation practice standard.						
	Above Ground Storage, 1,000 - 3,000 gallons			Each	$2,195.85	$2,635.02	
	Above Ground Storage, >3,000 gallons			Each	$3,680.61	$4,416.73	
	Underground Storage Tank			Each	$3,538.58	$4,246.29	
	Payment is only authorized for underground storage tanks >1000 gallons						
	Access Ramp			Sq Ft	$1.44	$1.73	
659	**Wetland Enhancement**						
	Structural			**Acre**			**15**
	Riverine, Levee Removal, ditch plugs and foodplain features			Acre	$1,007.76	$1,209.31	
657	**Wetland Restoration**						
	Structural			**Acre**			**15**
	Riverine Levee Removal, ditch plugs and foodplain features			Acre	$1,007.76	$1,209.31	

1 Payment is only authorized as a component of (528) Prescribed Grazing and/or (472) Access Control.

2 Permanent Tanks and Storage Tanks: Payment includes stabilized base directly under the watering facility. Use (561) Heavy Use Area Protection for the stabilized area around the watering facility as needed per the CPS.

3 See the (614) Watering Facility conservation practice standard.

1 See the (659) Wetland Enhancement conservation practice standard.

1 See the (657) Wetland Restoration conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)

Footnotes and Acronym Information

1/ HU Payment Rate refers to the payment rate for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, Socially Disadvantaged Farmers, and Veteran Farmers who also qualify as Beginning Farmers).

2/ FMP = Forest Management Plan. Approved FMP's are any plans written by NRCS, Technical Service Providers, or partners that meet the Forest Management Plan Criteria for Practice/Activity Code 106 found in Section III of the Missouri eFOTG.

CNMP Comprehensive Nutrient Management Plan

This Program Policy is approved for use in Missouri

J.R. Flores — October 24, 2016

Missouri State Conservationist — Date