

MO 2019 EQIP-MRBI North River

Environmental Quality Incentives Program Policy for the 2016 MRBI Project in Headwaters South Fork North River (HUC 071100040105) and Hawkins Branch-North River (HUC 071100040107) Watersheds with Marion, Ralls, Shelby and Monroe County SWCDs

October 26, 2018

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 certify 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.

One Core Practice must be included in the Conservation Plan of Operations before any Supporting Practice can be included in the contract.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
472	Access Control <i>Structural</i> Core			Acre			10
	Animal exclusion from sensitive areas			Acre	\$32.24	\$42.87	
	<p><i>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.</i></p> <p><i>2 Payment is based on the number of acres protected from livestock.</i></p> <p><i>3 To avoid duplicate foregone income payments, (472) Access Control payment is not authorized on the same acres as financial assistance for (327) Conservation Cover and/or (386) Field Border.</i></p> <p><i>4 See the (472) Access Control conservation practice standard.</i></p>						
327	Conservation Cover <i>Structural</i> Core			Acre			5
	Introduced with Forgone Income			Acre	\$398.87	\$518.75	
	<i>Scenario is applicable to introduced grass/legumes and perennial green browse.</i>						
	Native Species with Forgone Income			Acre	\$445.16	\$574.30	
	Pollinator Species with Forgone Income			Acre	\$1,120.60	\$1,384.83	
	<i>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.</i>						
	Monarch Species Mix with Forgone Income			Acre	\$1,430.92	\$1,757.20	
	Monarch Species Mix - Interseeding			Acre	\$365.52	\$438.62	
	<p><i>1 Payment is authorized for the establishment and maintenance of permanent vegetative cover on land not utilized for forage production.</i></p> <p><i>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.</i></p> <p><i>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).</i></p> <p><i>4 For plantings addressing Inadequate Fish and Wildlife Habitat, refer to the (645) Upland Wildlife Habitat Management conservation practice standard.</i></p> <p><i>5 See the (327) Conservation Cover conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification</i></p>						

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 Core			Acre			1
	Basic Rotation Organic and Non-Organic			Acre	\$9.18	\$11.02	
	<i>Scenario is applicable to adding a small grain to the rotation. Payment made only when the small grain is harvested.</i>						
	<i>1 Practice is only authorized for one payment per acre within the contract period.</i>						
	<i>2 No more than three separate management practices may be combined per acre.</i>						
	<i>3 See the (328) Conservation Crop Rotation conservation practice standard.</i>						
330	Contour Farming Structural Core			Acre			5
	Contour Farming			Acre	\$6.54	\$7.85	
	<i>1 See the (330) Contour Farming conservation practice standard.</i>						
340	Cover Crop Management Core			Acre			1
	Cover Crop - Basic (Organic and Non-organic)			Acre	\$51.58	\$61.90	
	<i>1 Practice is authorized for up to three payments per acre within the contract period.</i>						
	<i>2 Payment is not authorized for crops harvested for grain, seed or hay.</i>						
	<i>3 No more than three separate management practices may be combined per acre.</i>						
	<i>4 See the (340) Cover Crop conservation practice standard.</i>						
342	Critical Area Planting Structural Core			Acre			10
	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)			Acre	\$137.96	\$165.55	
	<i>1 See the (342) Critical Area Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification.</i>						

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
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512	Forage and Biomass Planting						
	<i>Structural</i>	Core		Acre			5

	Interseeding Legumes and/or Forbs			Acre	\$118.58	\$142.30	
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	Introduced Grass Establishment or Renovation			Acre	\$178.24	\$220.05	
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	Native Grass Establishment or Renovation - with fertility			Acre	\$315.20	\$390.57	
	<i>Scenario is applicable to any native grass establishment or renovation regardless of fertility requirements (follow standards and specifications for soil test and fertility requirements).</i>						

	Pasture Renovation Utilizing Interim Seeding			Acre	\$235.89	\$289.23	
	<i>Scenario includes establishment of an annual forage or smother crop 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. See IS-MO723c for specific requirements.</i>						

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

412	Grassed Waterway						
	<i>Structural</i>	Core		Acre			10

	35-55 foot top width			Acre	\$2,649.40	\$3,219.38	
	<i>Scenario is applicable to all waterway widths</i>						

	35-55 foot top width with checks			Acre	\$3,532.67	\$4,279.31	
	<i>Scenario is applicable to all waterway widths</i>						

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.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
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590	Nutrient Management Management			Acre			1
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Core

	Basic NM (Non-Organic/Organic)			Acre	\$6.29	\$7.55	
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	Basic NM with Manure and/or Compost (Non-Organic/Organic)			Acre	\$13.53	\$16.23	
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Scenario is applicable to surface applications of manure and/or compost without incorporation.

	Basic NM with Manure Injection or Incorporation			Acre	\$26.51	\$31.81	
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	Basic Precision NM (Non-Organic/Organic)			Acre	\$38.84	\$46.61	
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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 utilized by crop = nutrients remaining).*
- 3 *Payment is not authorized for one-time nutrient applications to establish perennial crops.*
- 4 *Payment is available on irrigated land only if (449) Irrigation Water Management is applied on the same acres receiving any (590) payment.*
- 5 *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.*
- 6 *Practice is only authorized for one payment per acre within the contract period.*
- 7 *No more than three separate management practices may be combined per acre.*
- 8 *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			Acre			1
	Core						
	Low Intensity, > 7 Day Rotation Frequency			Acre	\$22.24	\$26.69	
	Medium Intensity, 7-3 Days Rotation Frequency			Acre	\$33.81	\$40.57	
	High Intensity, <=2 Day Rotation Frequency			Acre	\$48.50	\$58.20	
	Enhanced - Strip Grazing			Acre	\$57.58	\$69.10	
	<i>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.</i>						
	High Density Grazing			Acre	\$64.94	\$77.93	
	<i>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.</i>						
	Deferment, 90 - 209 Days			Acre	\$44.71	\$57.27	
	<i>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.</i>						
	Deferment, >=210 Days			Acre	\$59.97	\$77.60	
	<i>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 deferred for a continuous ≥210 day period that includes the primary nesting season of May 1 - July 15.</i>						
	Biological Control with Grazing Animals			Acre	\$600.45	\$720.54	
	<i>Payment for Biological Control is only authorized on areas with >40% undesirable cover. Grazing on glades is not allowed unless approved by the Area Biologist.</i>						

1 Practice is only authorized for one payment per acre within the contract period. Exception: Biological Control with Grazing Animals scenario may require multiple applications to address the resource concern. A review by the State Office is required prior to contracting multiple payments per acre.

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)
329	Residue and Tillage Management, No Till Management Core No-Till/Strip-Till			Acre Acre		\$16.95	1 \$20.34
	<p>1 All crops planted will be no-tilled/strip-tilled to receive this payment, including double- or triple-cropped crops and cover crops.</p> <p>2 Practice is authorized for up to three payments per acre within the contract period.</p> <p>3 Option 1: Payment is authorized for acres where no crops in rotation have been no tilled/strip tilled and the producer will continuously no till/strip till all crops as indicated in footnote 1 above.</p> <p>4 Option 2: Payment is authorized for acres where a portion of the rotation has been no tilled/strip tilled and the producer will continuously no till/strip till all crops as indicated in footnote 1 above.</p> <p>5 Practice is eligible for payment after all crops in rotation have been no tilled according to the 329 CPS.</p> <p>6 No more than three separate management practices may be combined per acre.</p> <p>7 See (329) Residue and Tillage Management, No Till conservation practice standard.</p>						
600	Terrace Structural Core Broadbase, no Topsoiling Broadbase, with Topsoiling Grassed Front or Steep Backslope, no Topsoiling <i>Scenario is also applicable to Narrowbase terrace installations. Scenario does not include seeding, utilize (342) Critical Area Planting.</i> Grassed Front or Steep Backslope, with Topsoiling <i>Scenario is also applicable to Narrowbase terrace installations. Scenario does not include seeding, utilize (342) Critical Area Planting.</i>			Feet Foot Foot Foot		\$2.14 \$3.44 \$1.89 \$3.18	10 \$2.57 \$4.12 \$2.26 \$3.81
	<p>1 Scenarios are applicable for both open outlet terraces and closed outlet terraces.</p> <p>1 See the (600) Terrace conservation practice standard.</p>						
645	Upland Wildlife Habitat Management Structural Core Macro Topography, deep <i>Scenario is applicable to the installation of a wildlife watering facility.</i>			Acre Each		\$685.33	1 \$822.40
	<p>1 See the (645) Upland Wildlife Habitat Management conservation practice standard and the Wildlife Watering Facility Job Sheet.</p>						

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
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362	Diversion						
	<i>Structural</i>	Supporting		Feet			10
	Small, <2 CY/FT			Foot	\$2.83	\$3.39	
	Medium, 2 - 2.9 CY/FT			Foot	\$6.07	\$7.29	
	Large, >=3 CY/FT			Foot	\$8.24	\$9.88	

1 See the (362) Diversion conservation practice standard.

382	Fence						
	<i>Structural</i>	Supporting		Feet			20
	Temporary/Portable Fence			Foot	\$0.36	\$0.43	
	Temporary - Portable for Small Livestock			Foot	\$1.20	\$1.45	
	<i>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.</i>						
	Permanent High Tensile Electric Single Strand			Foot	\$0.79	\$0.95	
Permanent High Tensile Electric 2-3 Strand				Foot	\$1.15	\$1.38	
<i>Scenario is applicable to all multi-strand high tensile electric fence installations, and small ruminant electrified woven wire fence products.</i>							
Permanent Barbed Wire Multi Strand				Foot	\$1.61	\$1.93	
<i>Scenario is also applicable to woven wire fence installations.</i>							

1 This practice is only authorized as a component of (528) Prescribed Grazing, (472) Access Control, (511) Forage Harvest Management, or (512) Forage and Biomass Planting.

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 Boundary fence (property line fence) or Perimeter fence is only eligible under the following three exceptions; (1) on expired (2 years or less) or expiring Conservation Reserve Program (CRP) land to establish a grazing operation; (2) on land to protect, restore, or enhance an environmentally sensitive area, such as riparian area or wetland; (3) on land to facilitate a change in production systems per the requirements of section 515.81D(4). Refer to 440 CPM 515.81E, 515.52C and 515.81D(4) for complete policy guidance.

4 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 <i>Structural</i>			Acre			10
	Supporting						
	Field Border, Introduced Species, Forgone Income			Acre	\$306.47	\$399.66	
	Field Border, Native Species, Forgone Income			Acre	\$399.77	\$519.83	
	Field Border, Pollinator, Forgone Income			Acre	\$1,093.21	\$1,351.96	

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 For plantings addressing Inadequate Fish and Wildlife Habitat, refer to the (645) Upland Wildlife Habitat Management conservation practice standard.

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)
410	Grade Stabilization Structure <i>Structural</i> Supporting			Number			15
	Embankment 8in-12in Pipe <i>Scenario is applicable to any pipe size needed to meet standards and specifications</i>			Cu Yd Fill	\$3.53	\$4.24	
	<i>Payment is authorized for an embankment structure of the minimum size needed to address the resource concern in accordance with Conservation Planning policy contained within NRCS General Manual Title 180, Part 409, Section MO409.2(f). The plan must be provided to the Area Engineer for evaluation and concurrence, and receive written approval from the Area Conservationist prior to CPO development.</i>						
	Pipe Drop, Smooth Steel or CMP, <1,000 CY Earthfill <i>Full Flow Drop Pipe Structure. Payment unit is riser weir length * barrel length.</i>			Sq Ft	\$8.60	\$10.32	
	Pipe Drop, Smooth Steel or CMP, >=1,000 CY Earthfill <i>Full Flow Drop Pipe Structure. Payment unit is riser weir length * barrel length.</i>			Sq Ft	\$17.07	\$20.48	
	Concrete Block Chute <i>Payment unit is concrete block lined area</i>			Sq Ft	\$7.80	\$9.35	
	Rock Rip Rap Chute			Cu Yd Rock	\$55.10	\$66.12	
	Concrete Drop Structure			Cu Yd Conc	\$658.62	\$790.34	
	Gabion Chute			Cu Yd	\$240.97	\$289.16	
	Geotextile Reinforced Vegetated Outlet			Sq Ft	\$2.06	\$2.47	
	Side Inlet <i>Bottomland Drop Pipe. Payment is authorized as an outlet in conjunction with main, lateral and/or field ditches installed for surface drainage in bottomland fields.</i>			Foot	\$42.08	\$50.50	

1 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)
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561	Heavy Use Area Protection						
	<i>Structural</i>	Supporting		Acre			10
	Concrete HUA			Sq Ft	\$3.71	\$4.45	
	Gravel without Geotextile, Thick			Sq Ft	\$0.86	\$1.03	
	<i>Scenario is applicable to any gravel depth with and without geotextile that meets standards and specifications</i>						
	Geocell and Gravel HUA			Sq Ft	\$2.87	\$3.45	

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.

595	Integrated Pest Management						
	<i>Management</i>	Supporting		Acre			1
	Basic IPM Field 1RC			Acre	\$8.76	\$10.51	
	Basic IPM Field >1RC			Acre	\$13.14	\$15.76	
	Basic IPM Fruit/Veg 1RC			Acre	\$62.95	\$75.54	
	Basic IPM Fruit/Veg >1RC			Acre	\$133.01	\$159.61	
	Basic IPM Orchard 1RC			Acre	\$147.73	\$177.28	
	Basic IPM Orchard >1RC			Acre	\$173.62	\$208.35	

1 RC = Resource Concern

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

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

4 See the (595) Integrated Pest 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)
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516	Livestock Pipeline						
	<i>Structural</i>	Supporting		Feet			20
	Above Ground Pipeline			Foot	\$0.84	\$1.01	
	Buried Pipeline, < 2in Plastic			Foot	\$1.99	\$2.39	
	Buried Pipeline, 2in - 3in Plastic			Foot	\$2.80	\$3.36	
	Buried Pipeline, >3in			Foot	\$5.05	\$6.06	
	Cased Pipeline with Boring			Foot	\$84.25	\$101.09	
	<i>Scenario includes pipe</i>						

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

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

484	Mulching						
	<i>Management</i>	Supporting		Acre			1
	Natural Material, Vegetation Establishment			Acre	\$180.15	\$216.18	

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)
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533	Pumping Plant						
	<i>Structural</i>	Supporting		Number			15
	Livestock Water, Shallow Well Pump (<= 25 ft deep)				Each	\$1,022.93	\$1,227.52
	Livestock Water, Shallow Well Pump (<= 25ft deep) with Above Ground Pump House <i>Scenario is applicable to both above ground and buried pump house installations.</i>				Each	\$1,642.44	\$1,970.93
	Livestock Water, Deep Well Pump (>25 ft deep)				Each	\$1,336.08	\$1,603.30
	Livestock Water, Deep Well Pump (> 25ft deep) with Above Ground Pump House <i>Scenario is applicable to both above ground and buried pump house installations.</i>				Each	\$1,955.59	\$2,346.71
	<i>Payment is not authorized for a Deep Well Pump for use with surface water sources.</i>						
	Solar Pump for Shallow Well or Spring Development				Each	\$2,421.32	\$2,905.58
	Solar Pump for Deep Well <i>Payment is only authorized for the Solar options when electricity is not available or cost prohibitive.</i>				Each	\$8,181.43	\$9,817.71
Livestock Non-Electric Pump				Each	\$934.03	\$1,120.83	
Pump with Sump				Each	\$2,686.44	\$3,223.73	

- 1 Payment is only authorized when needed as a component of (528) Prescribed Grazing, (472) Access Control and/or an existing CNMP (for wellhead replacement).
- 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.

646	Shallow Water Development and Management						
	<i>Management</i>	Supporting		Acre			1
High Level Management, Pumping				Acre	\$39.62	\$50.18	

- 1 Practice is authorized for up to three payments per acre within the contract period.
- 2 Shallow water impoundments require an adequate water supply for reflooding the impoundment during period of planned inundation of a minimum of 60 days between December 15 to February 15. The water supply can be as a result of flooding, overland run-off, or a pumped source.
- 3 Practice is authorized for up to three payments per acre within the contract period.

Practice Code	Conservation Practice	Maximum Payment	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 1/	Lifespan (Years)
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587	Structure for Water Control			Number			20
	<i>Structural</i>	<i>Supporting</i>					
	Inline Stoplog WCS, Surface Water Control, 6-10 in. dia. Pipe			Each	\$2,039.35	\$2,447.22	
	Inline Stoplog WCS, Surface Water Control, 12-18 in. dia. Pipe			Each	\$3,395.07	\$4,074.09	
	Inline Stoplog WCS, Surface Water Control, >18 in. dia. Pipe			Each	\$4,712.72	\$5,655.26	
	Weir Box Inlet WCS, Surface Water Control, <=16 in. dia. Pipe.			Each	\$2,400.78	\$2,880.94	
	Weir Box Inlet WCS, Surface Water Control, >16 in. dia. Pipe.			Each	\$3,277.84	\$3,933.40	
	Weir Box Inlet WCS, Surface Water Control Using Existing Pipe (Box Only)			Each	\$408.91	\$490.69	
	Watertight Flap gate Inflow WCS, Surface Water Control, <=15 in. dia. Pipe			Each	\$2,553.23	\$3,063.87	
	<i>Stand alone water control structure that includes the pipe installation. Scenario is not authorized as a component of any other 587 scenario.</i>						
	Watertight Flap gate Inflow WCS, Surface Water Control, >15 in. dia. Pipe			Each	\$3,117.08	\$3,740.50	
	<i>Stand alone water control structure that includes the pipe installation. Scenario is not authorized as a component of any other 587 scenario.</i>						
	Straight Pipe, Surface Water Control, <=10 in. dia. Pipe (w/o adjustable control)			Ft Pipe	\$34.89	\$41.87	
	Straight Pipe, Surface Water Control, >=12 in. dia. Pipe (w/o adjustable control)			Ft Pipe	\$42.07	\$50.49	
	Inline WCS, Subsurface Drainage Control, <=10 in. dia. Pipe			Each	\$1,345.26	\$1,614.31	
	Inline WCS, Subsurface Drainage Control, >10 in. dia. Pipe			Each	\$1,848.57	\$2,218.28	

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)
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620	Underground Outlet						
	<i>Structural</i>	Supporting		Feet			20
	6in Diameter Pipe with Risers			Foot	\$2.82	\$3.39	
	<i>Scenario is applicable to any pipe ≤ 8in diameter</i>						
	10in Diameter Pipe with Risers			Foot	\$6.82	\$8.18	
	>=12in Diameter Pipe with Risers			Foot	\$9.22	\$11.07	

1 Only authorized as part of a system to treat existing water quality related resource concerns. The drainage area affecting the UGO must be treated to "T", and a nutrient budget must be developed for each field for nutrients applied, utilized by plants, and residual in the soil. Fertilizer and lime applications must be based on realistic yield goals and current (less than 5 years old) soil tests composed of at least eight soil cores per field. Fertilizer and lime recommendations follow guidance from University of Missouri-Columbia Extension or recommendations from a neighboring land-grant university. Nitrogen fertilizer applications made outside of the main crop growing period (e.g., fall fertilizer for spring-planted corn) shall not be made unless activities that reduce nitrogen losses are implemented (e.g., cover crop or winter-grown cash crop, nitrification inhibitor for fall-applied anhydrous ammonia)

2 See the (620) Underground Outlet conservation practice standard.

638	Water and Sediment Control Basin						
	<i>Structural</i>	Supporting		Number			10
	Base			Cu Yd Fill	\$2.36	\$2.83	
	Topsoil			Cu Yd Fill	\$2.62	\$3.14	
<i>Scenario includes the cost for construction of the base of the structure plus the topsoiling. Do not contract the Base scenario plus the Topsoil scenario.</i>							

1 Payment does not include pipe. Underground Outlet (620) may be needed in conjunction with this practice.

2 See the (638) Water and Sediment Control Basin 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 <i>Structural</i>			Number			10
	Supporting						
	Portable Tank <i>Payment is per tank</i>			Each	\$97.68	\$117.22	
	Tire Tank <i>Payment is authorized using this scenario for all permanent tank installations that meet the 614 conservation practice standard.</i>			Each	\$904.63	\$1,085.55	
	Above Ground Storage, 1,000 - 3,000 gallons			Each	\$2,225.05	\$2,670.06	
	Above Ground Storage, >3,000 gallons			Each	\$3,719.18	\$4,463.01	
	Underground Storage Tank <i>Payment is only authorized for underground storage tanks >1000 gallons</i>			Each	\$3,647.01	\$4,376.41	
	Access Ramp			Sq Ft	\$2.22	\$2.67	

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

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

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

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).

This Program Policy is approved for use in Missouri

Karen Brinkman, Acting

October 29, 2018

Missouri State Conservationist

Date