

## MO 2014 EQIP-MRBI Chariton SWCD

# Environmental Quality Incentives Program Policy for the 2010 MRBI Project with Chariton SWCD Lower Grand Water Quality Project, Show Me Conservation

March 31, 2014

This Policy is based on the Interim Final Rule (IFR) for EQIP, published 1/15/09 in Vol. 74, No. 10 of the Federal Register, 7 CFR Part 1466, and the MRBI Request for Proposal (RFP) published 3/2/2010 in Vol 75 No. 40 of the Federal Register, pages 9380 thru 9387.

Planned conservation practices must be maintained for the lifespan of the practice, as indicated on the NRCS-CPA-1155 or -1156. All practices must also meet the minimum criteria in the Conservation Practice Standard (see the Missouri eFOTG) and the criteria listed below. Extents above the minimum necessary to meet practice criteria are not eligible for payment. Note: Payment for some practices is only authorized when used in conjunction with another practice, as detailed in the Conservation Plan of Operation (CPO), with or without payment. The applicant is responsible for the installation, use, and maintenance of all components required in the conservation management system.

Management Practices - Management practice payments are only available on acres where the practice option has not been previously applied &/or utilized, AND where there will be a higher level of management required for the requested practice option. Management payments are NOT authorized if the conservation practice option has previously been implemented on the acres in the application, with or without financial assistance. A management practice payment is only authorized ONCE per acre within the length of the contract period for that conservation practice with the exception of 328 Conservation Crop Rotation which is exempt from this restriction. Some management practices, where noted in the practice footnotes, are limited to no more than three separate management practices combined per acre.

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. The landowner must be a signatory to a contract which has EQIP funds used for any structural practice.

Conservation Activity Plans (CAP) - Conservation Activity Plans are conservation plans developed for producers to assist in identifying conservation practices needed to address a specific natural resource need. CAPs are completed by NRCS certified Technical Service Providers (TSP). The list of NRCS certified TSPs are available on the NRCS TSP webpage: [www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp](http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp)

ONE Core Practice MUST be included in the Conservation Plan of Operations (CPO) for the EQIP contracted acres before a closely associated Supporting Practice can be contracted on the same acres.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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472	<b>Access Control</b> <i>Structural</i>						
	<b>Core</b>	\$5,000	\$6,500	Acre			10
	<b>Animal Exclusion from Sensitive Areas</b>			Acre	\$30.70	\$36.80	

- 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.

102	<b>Comprehensive Nutrient Management Plan</b> <i>Conservation Activity Plan</i>						
				Number			1
	<b>Non-Dairy Operation &lt; 300 AU with Land Application</b>			Each	\$5,923.00	\$7,108.00	
	<b>Dairy Operation &lt; 300 AU with Land Application</b>			Each	\$7,440.00	\$8,929.00	
	<b>Non-Dairy Operation 300 - 699 AU with Land Application</b>			Each	\$7,535.00	\$9,041.00	
	<b>Dairy Operation 300 - 699 AU with Land Application</b>			Each	\$8,413.00	\$10,096.00	
	<b>Non-Dairy Operation ≥ 700 AU with Land Application</b>			Each	\$9,011.00	\$10,814.00	
	<b>Dairy Operation ≥ 700 AU with Land Application</b>			Each	\$9,272.00	\$11,127.00	
	<b>Livestock Operation &lt; 300 AU without Land Application</b>			Each	\$5,675.00	\$6,810.00	
	<b>Livestock Operation ≥ 300 AU without Land Application</b>			Each	\$7,018.00	\$8,421.00	

- 1 Must be completed by a NRCS certified Technical Service Provider (TSP). These Payment Rates are the only contracted funding assistance available.
- 2 The Comprehensive Nutrient Management Plan (CNMP) must be developed for animal waste management operations under the control of the applicant (either directly or indirectly through lease, contract, or other agreements).
- 3 A CNMP is required prior to providing technical and/or financial assistance for an animal waste management system through EQIP. The CNMP must describe the waste management system and the conservation practice(s).
- 4 Only one Conservation Activity Plan may be concurrently approved and developed on an eligible land unit (e.g., field) at the same time, and must cover all eligible acres currently under the control of the applicant and included in their conservation plan.

Practice Code	Conservation Practice		Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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327	<b>Conservation Cover Structural</b>	<b>Core</b>			Acre			5
	Introduced Grass				Acre	\$439.80	\$527.70	
	Native Grass				Acre	\$524.30	\$629.20	
	Pollinator Habitat				Acre	\$552.50	\$663.00	
	Prairie Restoration				Acre	\$645.40	\$774.50	

- 1 Payment is authorized for the establishment and maintenance of permanent vegetative cover on land not utilized for forage production.
- 2 Refer to the (645) Upland Wildlife Habitat Management conservation practice standard for the Pollinator Habitat option
- 3 Refer to the (643) Restoration of Rare or Declining Habitats conservation practice standard for the Prairie Restoration option
- 4 See the (327) Conservation Cover conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

328	<b>Conservation Crop Rotation Management</b>	<b>Core</b>	\$25,000	\$35,000	Acre			1	
	Add Small Grain to Rotation				Acre	\$59.90	\$71.90		
	<i>Payment made only when the small grain is harvested.</i>								
	Add 2 Years of Perennials to Rotation				Acre	\$133.20	\$159.80		
	Add 2 Years of Perennials to Rotation, Specialty Crop				Acre	\$442.80	\$531.40		
<i>For both options to add 2 years of perennials, first payment is made the year the perennial is established, second payment is made the next year when the perennial is maintained.</i>									

- 1 MRBI requires a minimum of 3 different crops and/or at least 2 years of perennial vegetation.
- 2 No more than three separate Management options may be combined per acre.
- 3 See the (328) Conservation Crop Rotation conservation practice standard.

Practice Code	Conservation Practice		Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
340	<b>Cover Crop Management</b>	<b>Core</b>	\$13,000	\$17,000	Acre			1
	Winter Kill Species				Acre	\$42.80	\$51.30	
	Chemical or Mechanical Kill Species				Acre	\$59.00	\$70.90	
	<p>1 Practice is only authorized for one payment per acre within the contract period.</p> <p>2 No more than three separate management practices may be combined per acre.</p> <p>3 See the (340) Cover Crop conservation practice standard.</p>							
342	<b>Critical Area Planting Structural</b>	<b>Core</b>			Acre			10
	Grass or Grass/Legume Mix				Acre	\$194.70	\$233.60	
	1 See the (342) Critical Area Planting conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification.							
362	<b>Diversion Structural</b>	<b>Supporting</b>			Feet			10
	Small (< 2 CY/FT)				Foot	\$2.61	\$3.13	
	Medium (2 - 2.9 CY/FT)				Foot	\$5.61	\$6.73	
	Large (≥ 3 CY/FT)				Foot	\$7.60	\$9.13	
	1 See the (362) Diversion conservation practice standard.							

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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554	<b>Drainage Water Management Management</b>			Acre			1
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	<b>Drainage Water Management</b>			Each	\$77.00	\$93.00	
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*Payment Unit is per Water Control Structure managed.*

- 1 This practice is only authorized on drainage systems in place when the EQIP application is initiated (i.e., 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 water control structure 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.

130	<b>Drainage Water Management Plan Conservation Activity Plan</b>			Number			1
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	<b>DWM Tile Map Available</b>			Each	\$1,691.00	\$2,030.00	
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	<b>DWM with Tile Map Creation</b>			Each	\$2,125.00	\$2,550.00	
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	<b>DWM Professional Engineer, Tile Map Available</b>			Each	\$1,812.00	\$2,175.00	
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	<b>DWM Professional Engineer, with Tile Map Creation</b>			Each	\$2,245.00	\$2,694.00	
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- 1 Must be completed by a NRCS certified Technical Service Provider (TSP). These Payment Rates are the only contracted funding assistance available.
- 2 The Professional Engineer scenarios are only authorized for payment when an engineering license number is provided by the TSP hired to develop the CAP.
- 3 Only one Conservation Activity Plan may be concurrently approved and developed on an eligible land unit (e.g., field) at the same time, and must cover all eligible acres currently under the control of the applicant and included in their conservation plan.
- 4 A producer is NOT required to have this Conservation Activity Plan to receive EQIP financial or technical assistance for related activities.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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382	<b>Fence</b>						20	
	<i>Structural</i>	<b>Supporting</b>		Feet				
	<b>Temporary/Portable Fence</b>			Foot	\$0.35	\$0.43		
	<b>Temporary/Portable for Small Livestock</b>			Foot	\$1.05	\$1.26		
	<i>Payment is authorized for use of 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>							
	<b>Permanent High Tensile Electric Single Strand</b>			Foot	\$0.76	\$0.91		
	<b>Permanent High Tensile Electric 2 - 3 Strand</b>			Foot	\$1.19	\$1.42		
	<b>Permanent High Tensile, Minimum 4 Strand</b>			Foot	\$1.25	\$1.50		
	<b>Permanent Barbed Wire Multi Strand</b>			Foot	\$1.67	\$2.00		
	<b>Permanent Woven Wire</b>			Foot	\$1.86	\$2.23		

- 1 *This practice is only authorized as a component of a (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; example: a 6-strand Permanent Hi-Tensile Electric Fence is required to meet the 382 CPS, is only eligible for the 'Permanent Hi-Tensile, Minimum 4-strand (electric/non-electric)' option for payment, [NOT a combination of the '2-3 strand' and '4-strand' options]).*
- 3 *See the (382) Fence conservation practice standard.*

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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386	<b>Field Border</b>	Supporting		Acre			10			
	<i>Structural</i>									
	Introduced Grass							Acre	\$373.40	\$448.10
	Native Grass							Acre	\$524.30	\$629.20
	Pollinator Habitat		Acre	\$552.50	\$663.00					

- 1 Maximum width eligible for payment is sixty (60) feet for only one option per field. Payment includes vegetation establishment. Payment is NOT available for natural regeneration.
- 2 Refer to the (645) Upland Wildlife Habitat Management conservation practice standard for the Pollinator Habitat option.
- 3 See the (386) Field Border conservation practice standard and (723) Vegetation Establishment, Herbaceous Seeding Specification

393	<b>Filter Strip</b>	Core		Acre			10
	<i>Structural</i>						
	Introduced Grass						
	Native Grass		Acre	\$436.20	\$523.40		

- 1 Payment is on the acres of filter strip established, and includes vegetation establishment. Payment is not available for natural regeneration.
- 2 See the (393) Filter Strip conservation practice standard

512	<b>Forage and Biomass Planting</b>	Core	\$26,000	\$34,000	Acre		5			
	<i>Structural</i>									
	Interseeding Legumes and/or Forbs							Acre	\$127.70	\$153.20
	Introduced Grass Establishment or Renovation							Acre	\$172.40	\$206.90
	Native Grass Establishment or Renovation							Acre	\$315.40	\$378.40
	Pasture Renovation Utilizing Interim Seeding (Endophyte Fescue Renovation)		Acre	\$241.80	\$290.10					

- 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 Vegetation Establishment, Herbaceous Seeding Specification



Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
410	<b>Grade Stabilization Structure</b> <i>Structural</i>						15
	<b>Supporting</b>	\$10,000	\$13,000	Number			
	Embankment, 4 - 6 in. Pipe			Cu Yd Fill	\$3.16	\$3.79	
	Embankment, 8 - 12 in. Pipe			Cu Yd Fill	\$3.27	\$3.92	
	Embankment, > 12 in. Pipe			Cu Yd Fill	\$3.45	\$4.14	
	Pipe Drop, Smooth Steel or CMP (Full Flow Drop Pipe Structure)			Sq Ft	\$9.56	\$11.47	
	<i>Payment unit is riser weir length * barrel length</i>						
	Concrete Block Structure			Sq Ft	\$7.35	\$8.81	
	<i>Payment unit is concrete block lined area</i>						
	Rock Rip Rap Chute			Cu Yd Rock	\$45.13	\$54.15	
	Concrete Drop Structure			Cu Yd Conc	\$599.81	\$719.77	
	Gabion Chute			Cu Yd	\$228.65	\$274.38	
	Geotextile Reinforced Vegetated Outlet			Sq Ft	\$1.88	\$2.25	
	Side Inlet (Bottomland Drop Pipe)			Foot	\$49.57	\$59.48	

- 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 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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412	<b>Grassed Waterway</b>	Core		Acre			10		
	<i>Structural</i>								
	< 35 ft. Top Width							\$2,464.30	\$2,957.20
	< 35 ft. Top Width with Checks							\$3,148.50	\$3,778.20
	35 - 55 ft. Top Width							\$2,624.50	\$3,149.40
	35 - 55 ft. Top Width with Checks							\$3,398.60	\$4,078.40
	> 55 ft. Top Width							\$3,258.00	\$3,909.60
> 55 ft. Top Width with Checks	\$3,987.10	\$4,784.50							

- 1 Payment does not include vegetation establishment. Critical Area Planting (342) is required in conjunction with this practice.
- 2 See the (412) Grassed Waterway conservation practice standard.

110	<b>Grazing Management Plan</b>			Number			1		
	<i>Conservation Activity Plan</i>								
	Grazing Management CAP < 100 Acres							\$736.00	\$884.00
	Grazing Management CAP 100 - 1499 Acres							\$1,933.00	\$2,320.00
	Grazing Management CAP 1500 - 5000 Acres							\$3,222.00	\$3,866.00
Grazing Management CAP > 5000 Acres	\$4,142.00	\$4,971.00							

- 1 Must be completed by a NRCS certified Technical Service Provider (TSP). These Payment Rates are the only contracted funding assistance available.
- 2 Only one Conservation Activity Plan may be concurrently approved and developed on an eligible land unit (e.g., field) at the same time, and must cover all eligible acres currently under the control of the applicant and included in their conservation plan.
- 3 A producer is NOT required to have this Conservation Activity Plan to receive EQIP financial or technical assistance for related activities.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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561	<b>Heavy Use Area Protection</b>	Supporting	Acre				10			
	<i>Structural</i>									
	Gravel with Geotextile							Sq Ft	\$0.81	\$0.97
	Gravel without Geotextile							Sq Ft	\$0.86	\$1.03
	Geocell and Gravel							Sq Ft	\$2.63	\$3.16
	Access Ramp							Sq Ft	\$1.48	\$1.78
Concrete	Sq Ft	\$2.52	\$3.02							

1 Payment for this practice is only authorized as a component of (528) Prescribed Grazing, (472) Access Control, or as a part of a CNMP (CNMP must have been developed, or updated, and reference this practice on the acres in this application).

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

516	<b>Livestock Pipeline</b>	Supporting	Feet				20			
	<i>Structural</i>									
	Above Ground Pipeline							Foot	\$1.27	\$1.53
	Buried Pipeline < 2 in.							Foot	\$1.85	\$2.22
	Buried Pipeline 2 - 3 in.							Foot	\$2.38	\$2.85
	Buried Pipeline > 3 in.							Foot	\$4.19	\$5.03
	Bedded Pipeline							Foot	\$2.94	\$3.53
Cased Pipeline with Boring	Foot	\$55.11	\$66.14							

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.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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484	<b>Mulching Management</b>	<b>Supporting</b>		Acre			1
	Natural Material, Vegetation Establishment			Acre	\$222.20	\$266.60	
	Natural Material, Weed Control			Acre	\$297.60	\$357.20	
	Tree and Shrub Establishment Weed Control			Each	\$1.61	\$1.93	

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

2 See the (484) Mulching conservation practice standard.

590	<b>Nutrient Management Management</b>	<b>Core</b>			\$6,000	\$8,000	Acre		1
	Basic Nutrient Management			Acre	\$11.60	\$14.00			
	Basic Nutrient Management Using Variable Rate P&K Application			Acre	\$11.60	\$14.00			
	Basic Nutrient Management with Manure			Acre	\$17.80	\$21.30			
	Enhanced Nutrient Management			Acre	\$28.30	\$33.90			
	<i>Payment for the Enhanced Nutrient Management option is for split applications of Nitrogen, OR slow- and controlled-release fertilizers, OR nitrification inhibitors, OR urease inhibitors. Payment is not authorized for Variable Rate P&amp;K application</i>								
Enhanced Nutrient Management with Tissue Testing			Acre	\$50.40	\$60.40				
<i>Payment for the Enhanced Nutrient Management with Tissue Testing option is for nitrogen applications guided by chlorophyll meter readings OR crop canopy color sensing as described in MO Agronomy Technical Note 35</i>									

1 Payment is available when all nutrients are applied according to a budget for nitrogen, phosphorus, and potassium, in accordance with the minimums stated in an applicable soil test, plus or minus 10% by individual nutrient.

2 The budget specifies amounts of nitrogen, phosphate, and potash applied, utilized, and remaining in soil.

3 Payment is available on irrigated land only if (449) Irrigation Water Management is applied on the same acres receiving any (590) payment.

4 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.

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

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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104	<b>Nutrient Management Plan</b>						
	<i>Conservation Activity Plan</i>			Number			1
	Nutrient Management CAP ≤ 100 Acres			Each	\$1,666.00	\$1,999.00	
	Nutrient Management CAP 101 - 300 Acres			Each	\$1,982.00	\$2,379.00	
	Nutrient Management CAP > 300 Acres			Each	\$2,398.00	\$2,877.00	

- 1 Must be completed by a NRCS certified Technical Service Provider (TSP). These Payment Rates are the only contracted funding assistance available.
- 2 Only one Conservation Activity Plan may be concurrently approved and developed on an eligible land unit (e.g., field) at the same time, and must cover all eligible acres currently under the control of the applicant and included in their conservation plan.
- 3 A producer is NOT required to have this Conservation Activity Plan to receive EQIP financial or technical assistance for related activities.

521B	<b>Pond Sealing or Lining - Soil Dispersant</b>						
	<i>Structural</i>	<i>Supporting</i>		Number			20
	Soil Dispersant			Cu Yd	\$4.85	\$5.82	

- 1 Practice is only authorized for payment when used with (313) Waste Storage Facility or (632) Solid/Liquid Waste Separation Facility
- 2 See the (521B) Pond Sealing or Lining - Soil Dispersant conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
528	<b>Prescribed Grazing Management</b>						1
	<b>Core</b>	\$11,000	\$15,000	Acre			
	Low Intensity (> 7 Day Rotation Frequency)			Acre	\$21.20	\$25.40	
	Medium Intensity (3 - 7 Days Rotation Frequency)			Acre	\$35.20	\$42.30	
	High Intensity (≤ 2 Day Rotation Frequency)			Acre	\$48.40	\$58.00	
	Enhanced, Winter Stockpiling/Stripgrazing			Acre	\$56.20	\$67.40	
	Enhanced, Summer Stripgrazing for Soil Health			Acre	\$56.20	\$67.40	
	<i>Livestock are grazed on mature pasture within the June 1 to August 31 time frame, AND 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. A maximum of 1 acre per animal unit is allowed.</i>						
	<b>High Density Grazing</b>			Acre	\$62.70	\$75.20	
	<i>Livestock are grazed on pasture for at least 300 days per calendar year AND 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>						
	<b>Deferment ( ≥ 90 Days)</b>			Acre	\$44.20	\$53.00	
	<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 cover, grazing must be deferred for 90 days prior to May 1 and through the nesting season of May 1 - July 15.</i>						
	<b>Long Term Deferrment ( ≥ 210 Days)</b>			Acre	\$58.10	\$69.70	
	<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.</i>						

- 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 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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533	<b>Pumping Plant</b> <i>Structural</i>						15
		<b>Supporting</b>		<b>Number</b>			
	Wastewater Pump < 1 hp.			Each	\$934.00	\$1,121.00	
	Wastewater Pump 1-5 hp.			Each	\$2,716.00	\$3,259.00	
	Manure Pump > 5 hp.			Each	\$5,435.00	\$6,523.00	
	Small Wastewater Fuel Driven Pump ≤ 50 hp.			Each	\$17,114.00	\$20,537.00	
	Large Wastewater Fuel Driven Pump > 50 hp.			Each	\$22,118.00	\$26,541.00	
	Livestock Water, Shallow Well Pump (≤ 25 ft deep)			Each	\$993.00	\$1,191.00	
	Livestock Water, Deep Well Pump (> 25 ft deep)			Each	\$1,271.00	\$1,525.00	
	<i>Payment is not authorized for a Deep Well Pump for use with surface water sources.</i>						
	<b>Solar</b>			Each	\$1,795.00	\$2,154.00	

- 1 *Wastewater/Manure Pump options: Payment is only authorized when included as a component of an existing CNMP. The CNMP must have been developed (or updated) and reference this practice before technical or financial assistance is provided. The type and size of the pump must be provided to the Area Engineer for evaluation and then submitted to the Area Conservationist (AC) at the time of application and receive written approval from the AC prior to CPO development.*
- 2 *Livestock Water/Solar Pump options: Payment is only authorized when needed as a component of (528) Prescribed Grazing, (472) Access Control and/or a CNMP (CNMP must have been developed, or updated, and reference the need to replace an existing wellhead on the acres in this application). Payment is not eligible on systems that currently meet the (528) Prescribed Grazing Standard. Payment is authorized on grazing lands where the current pump is inadequate for livestock and an underground or surface 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 or for PTO-driven pumps.*
- 4 *See the (533) Pumping Plant conservation practice standard.*

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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329	<b>Residue and Tillage Management, No Till Management</b>	Core		Acre			1
	No Till			Acre	\$14.40	\$17.30	

- 1 ALL crops planted will be no-tilled/strip-tilled to receive this payment, including double- or triple-cropped crops and cover crops.
- 2 Practice is only authorized for one payment per acre within the contract period.
- 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.
- 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.
- 5 No more than three separate management practices may be combined per acre.
- 6 See (329) Residue and Tillage Management, No Till conservation practice standard.

391	<b>Riparian Forest Buffer</b>	Core		Acre			15
	Structural						
	Direct Seeding			Acre	\$606.60	\$728.00	
	Bareroot Trees			Each	\$1.32	\$1.59	
	Bareroot Shrubs		Each	\$0.97	\$1.16		

- 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.

390	<b>Riparian Herbaceous Cover</b>	Core		Acre			5
	Structural						
	Native Grass			Acre	\$520.70	\$624.90	
	Pollinator Habitat			Acre	\$483.80	\$580.50	
	Giant Canebreak Restoration			Acre	\$1,379.40	\$1,655.30	
	Prairie Cordgrass Restoration		Acre	\$822.30	\$986.80		

- 1 Payment includes vegetation establishment.
- 2 See the (390) Riparian Herbaceous Cover conservation standard.



Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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646	<b>Shallow Water Development and Management</b> <i>Structural</i>						5
				Supporting			
	Shallow Water Management			Acre			
				Acre	\$23.90	\$28.70	

1 See the (646) Shallow Water Development and Management conservation practice standard.

578	<b>Stream Crossing</b> <i>Structural</i>						10
				Supporting			
	Concrete Crossing			Number			
				Sq Ft	\$4.21	\$5.05	
	Rip Rap Crossing			Sq Ft	\$2.31	\$2.77	

1 Payment is only authorized as a component of (528) Prescribed Grazing and/or (472) Access Control, or if planned on forest land, payment for this practice is only authorized when included as a planned practice in an approved Forest Management Plan (see FMP definition in footnote 3/). The FMP must be developed before technical or financial assistance is provided for installation of this practice.

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 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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587	Structure for Water Control <i>Structural</i>	Supporting		Number			20
	Inline Stoplog WCS, Surface Water Control, 6 - 10 in. dia. Pipe			Each	\$1,965.00	\$2,358.00	
	Inline Stoplog WCS, Surface Water Control, 12 - 18 in. dia. Pipe			Each	\$2,646.00	\$3,175.00	
	Inline Stoplog WCS, Surface Water Control, > 18 in. dia. Pipe			Each	\$5,271.00	\$6,325.00	
	Weir Box Inlet WCS, Surface Water Control, ≤ 16 in. dia. Pipe			Each	\$2,831.00	\$3,397.00	
	Weir Box Inlet WCS, Surface Water Control, > 16 in. dia. Pipe			Each	\$3,951.00	\$4,742.00	
	Weir Box Inlet WCS, Surface Water Control Using Existing Pipe (Box Only)			Each	\$431.00	\$517.00	
	Watertight Flapgate Inflow WCS, Surface Water Control, ≤ 15 in. dia. Pipe			Each	\$1,893.00	\$2,272.00	
	Watertight Flapgate Inflow WCS, Surface Water Control, > 15 in. dia. Pipe			Each	\$2,987.00	\$3,584.00	
	Straight Pipe, Surface Water Control, ≤ 10 in. dia. Pipe (w/o adjustable control)			Ft Pipe	\$31.64	\$37.97	
	Straight Pipe, Surface Water Control, ≥ 12 in. dia. Pipe (w/o adjustable control)			Ft Pipe	\$37.33	\$44.80	
	Inline WCS, Subsurface Drainage Control, ≤ 10 in. dia. Pipe			Each	\$1,220.00	\$1,464.00	
	Inline WCS, Subsurface Drainage Control, > 10 in. dia. Pipe			Each	\$1,644.00	\$1,973.00	

- 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 (464) 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 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
600	<b>Terrace Structural</b>	<b>Core</b>	\$50,000	\$62,500	Feet			10
	Broadbase no Topsoiling				Foot	\$1.94	\$2.33	
	Broadbase with Topsoiling				Foot	\$3.12	\$3.74	
	Narrowbase ≤ 9% slopes no Topsoiling				Foot	\$1.60	\$1.92	
	Narrowbase ≤ 9% slopes with Topsoiling				Foot	\$2.77	\$3.32	
	Narrowbase > 9% slopes no Topsoiling				Foot	\$1.83	\$2.19	
	Narrowbase > 9% slopes with Topsoiling				Foot	\$3.00	\$3.60	
	Steepbacked no Topsoiling				Foot	\$1.71	\$2.05	
	Steepbacked with Topsoiling				Foot	\$2.89	\$3.46	

1 See the (600) Terrace conservation practice standard.

612	<b>Tree/Shrub Establishment Structural</b>	<b>Core</b>			Acre			15
	Direct Seeding				Acre	\$606.60	\$728.00	
	Bareroot Trees and Shrubs				Each	\$0.56	\$0.67	
	Bareroot Trees and Shrubs with Tree Shelters				Each	\$2.48	\$2.98	
	Container Trees and Shrubs				Each	\$8.36	\$10.04	
	Container Trees and Shrubs with Tree Shelters				Each	\$12.12	\$14.54	

1 See the (612) Tree/Shrub Establishment conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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490	<b>Tree/Shrub Site Preparation</b>						
	<i>Structural</i>	<b>Supporting</b>		<b>Acre</b>			<b>1</b>
	Chemical Application			Acre	\$37.80	\$45.30	
	Light Mechanical			Acre	\$40.60	\$48.70	
	Light Mechanical with Chemical			Acre	\$78.30	\$94.00	

1 See the (490) Tree/Shrub Site Preparation conservation practice standard.

620	<b>Underground Outlet</b>						
	<i>Structural</i>	<b>Supporting</b>		<b>Feet</b>			<b>20</b>
	UGO ≤ 5 in. Diameter Pipe with Risers			Foot	\$2.17	\$2.60	
	UGO 6 in. Diameter Pipe with Risers			Foot	\$2.53	\$3.04	
	UGO 8 in. Diameter Pipe with Risers			Foot	\$3.31	\$3.97	
	UGO 10 in. Diameter Pipe with Risers			Foot	\$6.53	\$7.83	
	UGO ≥ 12 in. Diameter Pipe with Risers			Foot	\$8.69	\$10.43	
	Blind Inlet			Foot	\$42.73	\$51.27	

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

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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313	<b>Waste Storage Facility</b>						15
	<i>Structural</i>	<b>Supporting</b>		<b>Number</b>			
	Earthen Storage Facility			Cu Ft	\$0.15	\$0.18	
	Glass Lined Steel Tank, < 25,000 cu.ft. Storage			Cu Ft	\$4.08	\$4.90	
	Glass Lined Steel Tank, 25,000 - 99,999 cu.ft. Storage			Cu Ft	\$1.55	\$1.86	
	Glass Lined Steel Tank, ≥ 100,000 cu.ft. Storage			Cu Ft	\$1.23	\$1.47	
	Concrete Lid Tank, < 1,000 cu.ft. Storage			Cu Ft	\$10.38	\$12.46	
	Concrete Lid Tank, ≥ 1,000 cu.ft. Storage			Cu Ft	\$4.04	\$4.85	
	Concrete Tank Open Top, < 5,000 cu.ft. Storage			Cu Ft	\$3.25	\$3.90	
	Concrete Tank Open Top, 5,000 - 14,999 cu.ft. Storage			Cu Ft	\$1.70	\$2.04	
	Concrete Tank Open Top, 15,000 - 24,999 cu.ft. Storage			Cu Ft	\$1.22	\$1.46	
	Concrete Tank Open Top, 25,000 - 49,999 cu.ft. Storage			Cu Ft	\$1.18	\$1.41	
	Concrete Tank Open Top, 50,000 - 74,999 cu.ft. Storage			Cu Ft	\$0.92	\$1.10	
	Concrete Tank Open Top, 75,000 - 109,999 cu.ft. Storage			Cu Ft	\$0.82	\$0.99	
	Concrete Tank Open Top, ≥ 110,000 cu.ft. Storage			Cu Ft	\$0.75	\$0.89	
	<i>The payment unit for all above scenarios is Cu Ft of Total Storage Volume</i>						
	Dry Stack Facility, Concrete Floor without Side Walls			Sq Ft	\$2.53	\$3.04	
	Dry Stack Facility, Earthen Floor with Concrete Side Walls			Cu Ft	\$1.22	\$1.46	
	Dry Stack Facility, Concrete Floor with Concrete Side Walls			Cu Ft	\$1.70	\$2.04	
<i>Payment for a dry stack facility is only available when used for dry waste handling systems (e.g., poultry, scrape system, pack bedding).</i>							

1 Payment for this practice is only authorized when included as a component of an existing CNMP, where waste is generated by agricultural production or processing.

2 The CNMP must have been developed (or updated) and reference this practice, BEFORE technical or financial assistance is provided.

3 Payment for this practice is only authorized for Existing Livestock Operations (see definition in footnote 4/).

4 See the (313) Waste Storage Facility conservation practice standard.

Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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638	<b>Water and Sediment Control Basin</b> <i>Structural</i> Supporting			Number			10
	Water and Sediment Control Basin			Cu Yd Fill	\$2.19	\$2.62	

1 See the (638) Water and Sediment Control Basin conservation practice standard.

614	<b>Watering Facility</b> <i>Structural</i> Supporting	\$5,000	\$6,500	Number			20
	Portable Tank			Each	\$142.00	\$170.00	
	Tire Tank or Permanent Tank (< 450 Gallons)			Each	\$380.00	\$456.00	
	Fountain or Large Permanent Tank (450 - 1000 Gallons)			Each	\$947.00	\$1,137.00	
	Above Ground Storage (1000 - 3000 Gallons)			Each	\$1,624.00	\$1,949.00	
	Above Ground Storage, Large (> 3000 Gallons)			Each	\$2,648.00	\$3,177.00	
	Underground Storage Tank (> 1000 Gallons)			Each	\$3,446.00	\$4,135.00	

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.

659	<b>Wetland Enhancement</b> <i>Structural</i> Core			Acre			15
	Riverine Levee Removal, Ditch Plugs and Floodplain Features			Acre	\$993.40	\$1,192.10	

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

657	<b>Wetland Restoration</b> <i>Structural</i> Core			Acre			15
	Riverine Levee Removal, Ditch Plugs and Floodplain Features			Acre	\$993.40	\$1,192.10	

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

### Footnotes and Acronym Information

- 1/ Maximum Payments set a maximum payment cap on specific conservation practices where identified in this Policy. Where maximum payments are identified for practices within this policy applicants cannot exceed the maximums through multiple offers/contracts on different acres when those acres are controlled by the same applicant(s) (where 'control' means possession of the land by ownership, written lease, or other legal agreement as generally indicated on FSA's EZ156 &/or Producer Farm Data Report forms). HU Maximum Payments refers to the maximum contract payment for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). NOTE: While there is no restriction on the number of applications that may be submitted by an applicant for financial assistance under this policy, all current fiscal year contracts funded under this policy will count towards the maximum payment identified in this policy where acres are controlled by the same applicant(s).
- 2/ HU Payment Rate refers to the payment rate for Historically Underserved Farmers (Limited Resource Farmers, Beginning Farmers, and Socially Disadvantaged Farmers as defined in the 2009 EQIP Interim Final Rule). It is the applicant's responsibility to provide adequate documentation AT THE TIME THEY SIGN THE CPA-1200 that supports their BF or LRF request or have checked the SDF box before the applicant can apply for these HU funds; applicants who do not meet these requirements, or who do not provide the requested documents in a timely manner (generally within thirty days of signing the CPA1200 application) will NOT be eligible for Historically Underserved funds.
- 4/ An Existing Livestock Operation is an operation that currently produces meat, milk, eggs, fiber, or other livestock marketable products, and has physical facilities installed on the tract included on this EQIP application (i.e. livestock production building, milk barn, etc.), and does not have an adequate livestock waste management system or has a livestock waste management system that is in need of retrofitting or rehabilitation. Examples of operations that DO NOT meet the existing livestock operation criteria: operation planning on increasing livestock numbers, operation planning to construct facilities on a tract where no facilities exist, actions of the operation that will lead to a change in regulatory classification, applicant does not directly control the production of waste material from the livestock (i.e. applicant is the recipient of waste material from an operation that he/she is not the direct owner or operator of that operation), applicant is introducing a different type of livestock operation (i.e. current swine operation is adding a poultry house, or current swine operation wants to change to a poultry operation), or applicant is introducing a new livestock operation where no such operation currently exists, or any other operation that does not meet the criteria provided.
- CNMP Comprehensive Nutrient Management Plan
- TSP Technical Service Provider ([www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp](http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp))



Practice Code	Conservation Practice	Maximum Payment 1/	HU Maximum Payment	Practice Unit/ Payment Unit	Payment Rate	HU Payment Rate 2/	Lifespan (Years)
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This Program Policy is approved for use in Missouri

R. Dwaine Gelnar, Acting

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Missouri State Conservationist

March 31, 2014

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Date