MO 2014 EQIP-MRBI Butler SWCD

Environmental Quality Incentives Program Policy for the 2010 MRBI Project with Butler SWCD Water Quality Initiative

Updated March 17, 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 addess 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

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)
328	**Conservation Crop Rotation**							
	Management	**Core**	**$25,000**	**$35,000**	**Acre**			**1**
	Add Small Grain to Rotation				Acre	$59.90	$71.90	
	Payment made only when the small grain is harvested.							
	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	
	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.							

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.

340	**Cover Crop**							
	Management	**Core**	**$13,000**	**$17,000**	**Acre**			**1**
	Winter Kill Species				Acre	$42.80	$51.30	
	Chemical or Mechanical Kill Species				Acre	$59.00	$70.90	

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 (340) Cover Crop 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)
554	**Drainage Water Management**						
	Management	**Core**		**Acre**			**1**
	Drainage Water Management			Each	$77.00	$93.00	
	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	**Drainage Water Management Plan**						
	Conservation Activity Plan			**Number**			**1**
	DWM Tile Map Available			Each	$1,691.00	$2,030.00	
	DWM with Tile Map Creation			Each	$2,125.00	$2,550.00	
	DWM Professional Engineer, Tile Map Available			Each	$1,812.00	$2,175.00	
	DWM Professional Engineer, with Tile Map Creation			Each	$2,245.00	$2,694.00	

1 Must be completed by a NRCS certified Technical Service Provider (TSP). These Payment Rates are the only contracted funding assistance available.

2 The 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)
410	**Grade Stabilization Structure**						
	Structural Supporting	$10,000	$13,000	Number			15
	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) *Payment unit is riser weir length * barrel length*			Sq Ft	$9.56	$11.47	
	Concrete Block Strucure *Payment unit is concrete block lined area*			Sq Ft	$7.35	$8.81	
	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)
464	**Irrigation Land Leveling**						
	Structural Supporting	$25,000	$35,000	Acre			15
	Irrigation Land Leveling			Acre	$195.80	$235.00	

1 *PILOT PROJECT: $25,000 Maximum Amount contracted through current year MRBI, as established by MRBI Board of Directors. An annual report documenting direct benefits to MRBI nutrient reduction goals is required, to be submitted to the Project Manager with copies to the Missouri State Conservationist and MRBI Board of Directors.*

2 *Acres require (590) Nutrient Management and (449) Irrigation Water Management in conjunction with this practice.*

3 *Payment is only authorized for re-grading cropland fields that are currently surface irrigated.*

4 *This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.*

5 *See the (464) Irrigation Land Leveling conservation practice standard.*

430	**Irrigation Pipeline**						
	Structural Supporting			Feet			20
	Pipe System ≤ 8 in. Diameter, > 50 ft. Installation			Foot	$8.62	$10.34	
	Pipe System ≤ 8 in. Diameter, ≤ 50 ft. Installation			Foot	$14.93	$17.91	
	Pipe System 10 - 12 in. Diameter, > 50 ft. Installation			Foot	$11.27	$13.52	
	Pipe System 10 - 12 in. Diameter, ≤ 50 ft. Installation			Foot	$18.19	$21.83	
	Pipe System ≥ 15 in. Diameter, > 50 ft. Installation			Foot	$17.01	$20.42	
	Pipe System ≥ 15 in. Diameter, ≤ 50 ft. Installation			Foot	$28.34	$34.01	

1 *PILOT PROJECT: as established by MRBI Board of Directors. An annual report documenting direct benefits to MRBI nutrient reduction goals is required, to be submitted to the Project Manager with copies to the Missouri State Conservationist and MRBI Board of Directors.*

2 *The pipeline shall be used to reorganize an existing irrigation system OR to replace a temporary water conveyance system (to convey water from a well or reservoir to the irrigation system).*

3 *Acres require (590) Nutrient Management and (449) Irrigation Water Management in conjunction with this practice.*

4 *This practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.*

5 *See the (430) Irrigation 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)
449	**Irrigation Water Management**							
	Management	**Core**	**$3,000**	**$4,000**	**Acre**			**1**
	IWM for Row Crops				Acre	$8.30	$9.90	

1 Payment is authorized on existing irrigated acres when EQIP funds will be used to apply one or more of the following practices: (430) Irrigation Pipeline or (464) Irrigation Land Leveling.

2 Practice is only available on land that has been irrigated 2 of the past 5 years prior to application for assistance.

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

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

5 See the (449) Irrigation Water Management conservation practice standard.

118	**Irrigation Water Management Plan**							
	Conservation Activity Plan				**Number**			**1**
	Irrigation Water Management CAP				Each	$2,114.00	$2,537.00	

1 Must be completed by a NRCS certified Technical Service Provider (TSP). This Payment Rate is 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)
590	**Nutrient Management**						
	Management Core	$6,000	$8,000	Acre			1
	Basic Nutrient Management			Acre	$11.60	$14.00	
	Basic Nutrient Management with Manure			Acre	$17.80	$21.30	
	Enhanced Nutrient Management			Acre	$28.30	$33.90	
	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&K application						
	Enhanced Nutrient Management with Tissue Testing			Acre	$50.40	$60.40	
	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						

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.

104	**Nutrient Management Plan**						
	Conservation Activity Plan			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.

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

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

587	**Structure for Water Control**						
	Structural	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)

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.

TSP Technical Service Provider (www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/technical/tsp)

This Program Policy is approved for use in Missouri

J. R. Flores — 3/20/2014

Missouri State Conservationist — Date