

**EQIP Practice List**

**2013**

**Hamilton County, Iowa**

<b>NRCS Practice Code</b>	<b>Practice Name</b>	<b>Units</b>	<b>Payment Type <u>1/</u></b>	<b>Resource Concerns</b>	<b>Practice Service Life <u>2/</u></b>	<b>Comments</b>
472	Access Control	Acre	Payment Rate	Soil Erosion-Classic Gully; Ephemeral Gully; Sheet and Rill; & Streambank  Water Quality-Harmful levels of Pathogens in Surface water; Excessive Suspended Sediment & Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water and Groundwater	10 yr.	Exclusion of livestock from woodlands, ponds, and intermittent streams. Area must be fenced.
371	Air Filtration and Scrubbing	Number	Payment Rate	Air Quality-Objectionable odors; Particulate matter less than 2.5 and 10 micrometers in diameter	10 yr	For adding odor mitigating Biofilters to agriculture confinement fans.
591	Amendments for the Treatment of Agricultural Waste	Animal Units	Payment Rate	Soil Condition – Organic Matter Depletion Water Quality - Excessive Nutrients and Organics in Surface Water and Groundwater; Harmful Levels of Pathogens in Groundwater and Surface Water	1 yr	Supporting CNMP Practices
316	Animal Mortality Facility	Number	Payment Rate	Water Quality - Excessive Nutrients and Organics in Surface Water and Groundwater; Harmful levels of pathogens in groundwater and surface water Air Quality – Objectionable odors; Excessive Greenhouse Gasses (CH4); Particulate matter less than 10 micrometers in diameter (PM 10); and 2.5 micrometers in diameter (PM 2.5)	15 yr	Supporting CNMP practices
314	Brush Management	Acre	Payment Rate	Plant Condition-Productivity, health and vigor; Noxious and invasive plants; Forage Quality and Palatability  Domestic Animals-Inadequate Quantities and Quality of Feed and Forage	10 yr.	
317	Composting Facility	Number	Payment Rate	Water Quality-Harmful levels of pathogens in surface water; Excess Nutrients and Organics in Surface Water and Groundwater	15 yr.	As a Component of the CNMP

102	CAP - Comprehensive Nutrient Management Plan (CNMP)	Number	Payment Rate	Water Quality-Excessive nutrients and organics in surface water and groundwater; Harmful Levels of Pathogens in Surface and Groundwater; Air Quality – Ammonia (NH3); Excessive Greenhouse Gas-CO2; Excessive Greenhouse Gas-CH4	1 yr.	CNMP Payment for a Technical Service Provider to develop a CNMP.
130	CAP – Drainage Water Management Plan – Written	Number	Payment Rate	Water Quality - Harmful levels of pathogens in groundwater; and surface water; Harmful levels of pesticides in surface water; and groundwater; Excessive nutrients and organics in surface water Fish and Wildlife – Inadequate water	1 yr.	
104	CAP – Nutrient Management Plan – Written	Number	Payment Rate	Soil Condition – Organic Matter Depletion; Contaminants-Commercial Fertilizers (N, K) Water Quality – Excessive Nutrients and Organics in Surface Water Air Quality – Ammonia (NH3); Excessive Greenhouse Gas (CO2); Particulate matter less than 10 mm in diameter (PM10; (PM25); Plant Condition – Productivity, Health and Vigor	1 yr.	
327	Conservation Cover	Acre	Payment Rate	Fish & Wildlife–Inadequate cover/shelter; & Food; T & E species: Declining species, species of concern Plant Condition – Plants Not Suited or Adapted Soil Erosion-Sheet and rill & Ephemeral Gully Water Quality – Harmful levels of pesticides in groundwater	5 yr.	
328	Conservation Crop Rotation	Acre	Payment Rate	Soil Erosion-Sheet and rill; Ephemeral; and Classic Gully Soil Condition-Soil organic matter depletion Water Quality–Excessive Nutrients and Organics in Surface Water and Groundwater; Excessive Suspended Sediment and Turbidity in Surface Water	1 yr.	Includes conversion of irrigated land to dry cropping.

340	Cover Crop	Acre	Payment Rate	Soil Erosion-Sheet and Rill, Ephemeral gully; & Classic gully Soil Condition-Soil Organic Matter Depletion Plant Condition-Productivity, Health, & Vigor	1 yr.	
342	Critical Area Planting	Acre	Payment Rate	Soil Erosion-Sheet and rill; Ephemeral; & Classic Gully Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	Stabilize areas where vegetation is difficult to establish. This is used on structural practices after construction.
747	Denitrifying Bioreactor	Number	Payment Rate	Water Quality - Excessive Nutrients and Organics in Surface Water	10 yr.	
356	Dike	Feet	Payment Rate	Fish & Wildlife-Inadequate Space & Water	20 yr.	
362	Diversion	Feet	Payment Rate	Soil Erosion-Sheet and Rill; Ephemeral; & Classic Gully Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	
554	Drainage Water Management	Acre	Payment Rate	Water Quality-Excessive nutrients and organics in surface water; Harmful levels of pesticides in groundwater	1 yr.	
382	Fence	Feet	Payment Rate	Domestic Animals-Inadequate Quantities and Quality of Feed and Forage; Stress and Mortality Plant Condition-Forage quality and palatability; Productivity, Health, and Vigor	20 yr.	Permanent fences required for rotational grazing or livestock exclusion.
393	Filter Strip	Acre	Payment Rate	Water Quality-Excessive Nutrients and Organics in Surface Water and Groundwater; Excessive Suspended Sediment and Turbidity in Surface Water; Harmful levels of pesticides in surface water; Harmful levels of pathogens in surface water; Plant Condition - Noxious and invasive plants; Plants not adapted or suited Fish and Wildlife - Inadequate cover/shelter; Inadequate food; Inadequate Space	10 yr.	

512	Forage and Biomass Planting	Acre	Payment Rate	Domestic Animals – Inadequate Quantities and Quality of Feed and Forage Plant Condition – Productivity Health and Vigor; Forage Quality and Palatability. Soil Erosion-Sheet & rill Water Quality – Excessive Suspended Sediment & Turbidity in Surface Water	5 yr.	Converting cropland or renovation of hayland. Used for both cool and warm season grasses. .
410	Grade Stabilization Structure	Number	Payment Rate	Soil Erosion-Classic gully & Streambank Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	
412	Grassed Waterway	Acre	Payment Rate	Soil Erosion-Ephemeral & Classic gully Water Quality – Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	Practice may be used in combination with 606-subsurface drain and 342-critical area planting. Payment does cover fabric installed in waterway.
561	Heavy Use Area Protection	Acre	Payment Rate	Plant Condition–Productivity, Health, and Vigor Soil Erosion-Sheet & rill; Ephemeral Gully; and Streambank Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water	10 yr.	For protection of livestock feeding and watering areas in a grazing system.
516	Livestock Pipeline	Feet	Payment Rate	Domestic Animals-Inadequate stock water; Stress and Mortality Plant Condition–Productivity Health and Vigor; Forage Quality and Palatability	20 yr.	
634	Manure Transfer	Number	Payment Rate	Water Quality - Excessive Nutrients and Organics in Surface Water and Groundwater; Harmful Levels of Pathogens in Surface Water and Groundwater	1 yr.	Supporting CNMP Practices
799	Monitoring and Evaluation	Number	Payment Rate	Water Quality - Excessive Nutrients and Organics in Surface Water and Groundwater; Excessive Suspended Sediment and Turbidity in Surface Water; Harmful levels of pathogens in surface water and groundwater;	1 yr.	

				Harmful levels of pesticides in groundwater and surface water		
484	Mulching	Acre	Payment Rate	Soil Erosion-Sheet & Rill; Ephemeral Gully; Classic Gully; Wind Soil Condition – Organic Matter Depletion	1 yr.	
590	Nutrient Management	Acre	Payment Rate	Water Quality-Excessive nutrients and organics in ground & surface water Soil Condition – Contaminants-Commercial Fertilizer (N, P, K) Air Quality – Excessive Greenhouse Gas-CH4 and N2O; Ammonia (NH3)	1 yr	See Nutrient Management Intensity Options for description and level requirements.
595	Pest Management	Acre	Payment Rate	Water Quality-Harmful levels of pesticides in surface water; Excessive Suspended Sediment and Turbidity in Surface Water; Harmful levels of pesticides in groundwater	1 yr	
378	Pond	Number	Payment Rate	Domestic Animals-Inadequate stock water; Stress and Mortality Soil Erosion–Classic Gully Water Quality–Excess Nutrients and Organics in Surface Water	20 yr.	Practice is for livestock water in a grazing system only. Includes payment for all components of a pond. Also used in combination with 382-Fence and 342-Critical Area Planting.
338	Prescribed Burning	Acre	Payment Rate	Plant Condition-Productivity health and vigor; Noxious and invasive plants Fish & Wildlife-Inadequate Cover/Shelter; Food; and Space; T&E Species: Declining species, species of concern	1 yr.	
528	Prescribed Grazing	Acre	Payment Rate	Plant Condition-Productivity, Health, and Vigor; Forage Quality and Palatability Domestic Animals-Inadequate Quantities and Quality of Feed & Forage; Stress and Mortality Water Quality–Excessive Nutrients and Organics in Ground and Surface Water; Excessive Suspended Sediment and Turbidity in Surface Water	1 yr.	A onetime payment made in the FY after all associated grazing practices are installed and the 528 standard is met.

533	Pumping Plant	Number	Payment Rate	Domestic Animals–Inadequate Stock Water; Stress and Mortality Plant Condition–Productivity, Health, and Vigor	15 yr.	
329	Residue and Tillage Management, No-till/Strip Till	Acre	Payment Rate	Air Quality – Reduced Visibility Soil Condition-Organic Matter Depletion; Compaction Soil Erosion-Sheet & Rill; Ephemeral Gully; Wind	1 yr.	
391	Riparian Forest Buffer	Acre	Payment Rate	Water Quality-Excessive Nutrients and Organics in Surface and Ground Water Fish and Wildlife-Inadequate Cover and Shelter	15 yr.	Woodland Stewardship Plan required.
558	Roof Runoff Structure	Number	Payment Rate	Water Quality–Excess Nutrients and Organics in Surface Water and Groundwater	15 yr.	
367	Roofs and Covers	Number	Payment Rate	Air Quality – Ammonia (NH3); Excessive Greenhouse Gas-CH4; Objectionable Odors	10 yr.	Supporting CNMP practices
350	Sediment Basin	Number	Payment Rate	Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water	20 yr.	
632	Solid/Liquid Waste Separation Facility	Number	Payment Rate	Water Quality-Excessive Nutrients & Organics in Ground & Surface Water; Harmful levels of Pathogens in Surface water Soil Condition-Contamination - Animal Waste and Other Organics (N & P)	15 yr.	As a Component of CNMP
574	Spring Development	Number	Payment Rate	Domestic Animals-Inadequate Stock Water Plant Condition–Productivity, Health, & Vigor; Forage Quality and Palatability	20 yr.	
578	Stream Crossing	Number	Payment Rate	Soil Erosion-Streambank Water Quality–Excessive Suspended Sediment and Turbidity in Surface Water Domestic Animals–Inadequate Stock Water	10 yr.	

580	Streambank and Shoreline Protection	Feet	Payment Rate	Soil Erosion-Streambank; Shoreline Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water; Excess Nutrients and Organics in Surface Water	20 yr.	
587	Structure for Water Control	Number	Payment Rate	Water Quality -Excessive Nutrients and Organics in Surface Water; Excessive Sediment & Turbidity in Surface Water Fish and Wildlife - Inadequate Water	20 yr.	
606	Subsurface Drain	Feet	Payment Rate	Soil Erosion-Sheet & Rill, Ephemeral Gully; and Classic Gully	20 yr.	Can only be used when required in combination with another practice on this list. When used in combination with a grassed waterway, payment is limited to no more than the amount needed to maintain the grassed waterway. The maximum size for cost share assistance when used in combination with a grassed waterway is 6 inch diameter tile.
600	Terrace	Feet	Payment Rate	Soil Erosion-Sheet & Rill; Ephemeral Gully Water Quality-Excessive Sediment & Turbidity in Surface Water	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
620	Underground Outlet	Feet	Payment Rate	Soil Erosion-Sheet & Rill; Ephemeral & Classic Gully Water Quality-Excessive Suspended Sediment and Turbidity in Surface Water	20 yr.	Practice is used in combination with 600-Terraces and 638-Water and Sediment Control Basins. Includes payment for intakes, tile, and tile outlet as required by the job.
739	Vegetated Subsurface Drain Outlet	Feet	Payment Rate	Water Quality-Excessive Nutrients & Organics in Surface Water	20 yr.	
635	Vegetated Treatment Area	Acre	Payment Rate	Water Quality-Excessive Nutrients & Organics in Surface Water; Harmful levels of Pathogens in Surface water	10 yr.	As a Component of CNMP
313	Waste Storage Facility	Number	Payment Rate	Soil Condition-Contaminants-Animal Waste and other Organics (N & P) Water Quality-Excessive Nutrients and Organics in Surface Water; Excessive levels of Pathogens in Surface Water	15 yr.	As a component of CNMP

638	Water and Sediment Control Basin	Number	Payment Rate	Soil Erosion-Ephemeral & Classic Gully Water Quality-Excessive Sediment and Turbidity in Surface Water	10 yr.	This practice may be used in combination with 620-Underground outlet and 342-Critical Area Planting.
642	Water Well	Number	Payment Rate	Domestic Animals-Inadequate Water; Stress and Mortality	20 yr.	Used for watering of livestock in a grazing system only.
614	Watering Facility	Number	Payment Rate	Domestic Animals-Inadequate Water; Stress and Mortality	20 yr.	Used for watering of livestock grazing system only.
658	Wetland Creation	Acre	Payment Rate	Fish & Wildlife-Inadequate Space; Cover/Shelter; and Food; T & E Species: Declining species, Species of concern Water Quality-Excessive Nutrients and Organics in Surface & Ground Water; Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	
659	Wetland Enhancement	Acre	Payment Rate	Fish & Wildlife-Inadequate Space; Cover/Shelter; and Food; T & E Species: Declining species, Species of concern Water Quality-Excessive Nutrients and Organics in Surface & Ground Water; Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	
657	Wetland Restoration	Acre	Payment Rate	Fish & Wildlife-Inadequate Space; Cover/Shelter; and Food; T & E Species: Declining species, Species of concern Water Quality-Excessive Nutrients and Organics in Surface & Ground Water; Excessive Suspended Sediment and Turbidity in Surface Water	15 yr.	
380	Windbreak/Shelterbelt Establishment	Feet	Payment Rate	Air Quality-Undesirable Air Movement Fish & Wildlife-Inadequate Cover/Shelter; and Food; Plant Condition-Productivity, Health, and Vigor	15 yr.	
911	<i>Technical Assistance Design</i>	<i>Number</i>	<i>100% AM</i>	<i>Soil Erosion/Water Quality</i>	<i>----</i>	<i>Reimbursement of conservation design activities by a Technical</i>

						<i>Service Provider (TSP).</i>
912	<i>Technical Assistance Application</i>	<i>Number</i>	<i>100% AM</i>	<i>Soil Erosion/Water Quality</i>	----	<i>Reimbursement of conservation application activities by a Technical Service Provider (TSP).</i>
913	<i>Technical Assistance Checkout</i>	<i>Number</i>	<i>100% AM</i>	<i>Soil Erosion/Water Quality</i>	----	<i>Reimbursement of conservation installation activities by a Technical Service Provider (TSP).</i>

**1/ Payment Schedule Type:** PR – Payment amount per unit of practice applied, rates available at local NRCS office.  
AM – The actual cost not to exceed a specified maximum cost.

- Historically Underserved clients receive a higher payment rate.
- The maximum EQIP payment a participant will receive for all components included in a grazing system is \$50,000.

**2/ Length of time the practice is to be maintained.**

1/6/2012