

Table 1: Best Management Practices

Conservation Practice	Pollutants Addressed	ECWA % Cost-Share	ECWA Cap	Notes
GENERAL PRACTICES				
Filter Strips (393)	sediment, nutrients	75%	\$400	Minimum 30' width, maximum 120' width. To follow NRCS caveat - cannot be driven on
Riparian Forest Buffer (391)	sediment, nutrients	75%	\$475	
Riparian Herbaceous Cover (390)	sediment, nutrients	75%		
Constructed Wetland, Wetland Restoration, or Wetland Creation (656, 657, 658)	sediment, nutrients, <i>e.coli</i>	75%	\$500/ac	Permit may be needed; consult with IDEM Project Manager before implementing
Critical Area Treatment & Seeding (342)	sediment, nutrients	75%	\$500	
Grade Stabilization Structure (410):	sediment, nutrients	75%		or 70% of actual cost or LICA cost/ln ft
<i>Rock chute</i>		75%	\$2,500	Consult with IDEM Project Manager before implementing; permit may be needed
<i>Straight pipe</i>		75%	\$1,100	
<i>Concrete tow wall</i>		75%	\$3,750	
Pipeline (516)	<i>e.coli</i> , nutrients, sediment	75%	\$0.88/ft.	In conjunction with Watering Facility (614) and Prescribed Grazing Plan (528)
Tree and Shrub Establishment (612)	sediment, nutrients	75%	\$450/ac	Minimum 1 acre
Diversion (362)	sediment, nutrients, <i>e.coli</i>	75%	\$3/ft	Permit may be needed
Stream Restoration (daylighting) (NRCS Publication NEH-654))	sediment, nutrients	75%	\$100/ft	Permit may be needed; http://www.nrcs.usda.gov/technical/ENG/stream-docs.html

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AGRICULTURAL PRACTICES				
Alternative Watering System (614):	<i>e.coli</i> , nutrients, sediment	75%		Requires fencing out of stream (IDEM)
<i>Spring Development</i>		75%	\$1104/each	
<i>Watering Facility Portable</i>		75%	\$95/each	
<i>Ball or Fountain Tank</i>		75%	\$500/each	
Cover Crops (340)	sediment, nutrients	75%	\$25/ac	
No-Till* (equipment modification or pre-emergent chemicals) (329)	sediment, nutrients, atrazine	75%		
Nutrient Management Planning (Row Crop) (590)	sediment, nutrients	75%		
Comprehensive Nutrient Management Plan	sediment, nutrients, <i>e.coli</i>	90%		Use TSP process to perform CNMPs; CNMPs pay at 90%
Pest Management Planning (Row Crop) (595)	nutrients, <i>e.coli</i> , atrazine	75%	\$2/ac	
Waste Storage Facility (313):	<i>e.coli</i> , nutrients	75%		No new facilities; not installed at CAFOs; above & beyond permit requirements
<i>concrete pit</i>		75%	\$0.70/ cu ft	
<i>earthen pit</i>		75%	\$0.20/cu ft	
<i>dumpster/trailer</i>		75%	\$8000/40-yd dumpster	
Pasture/Hayland Seeding (512)	sediment, nutrients	75%	\$60/ac into existing pasture; \$150/ac new pasture	
Stream Crossing (578)	sediment, nutrients, <i>e.coli</i>	75%	\$2/sq ft - stone crossing	\$35/ft culvert <25"d, single tube; \$50/ft >25"d, single tube (includes surfacing); requires a permit; requires fencing animals from stream; permit may be needed

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Streambank Fencing (382)	sediment, <i>e.coli</i>	75%	\$1.50/ft	Requires grazing plan; permit may be needed; no temporary fencing (IDNR-LARE)
Grassed Waterways (412)	sediment, nutrients	75%	\$6/ft	Use native vegetation
Two-Stage Agriculture Ditch (582)	sediment, nutrients	75%		Permit may be needed
Heavy Use Area Protection (561)	sediment, nutrients	75%	\$0.75/sq ft	
Livestock Composting Facility (317)	nutrients, <i>e.coli</i>	75%	\$0.50/sq ft	Livestock must currently be present on the property
Prescribed Grazing Plan (528)	sediment, nutrients, <i>e.coli</i>	75%	\$19/ac	Livestock must currently be present on the property
URBAN PRACTICES				Consult with IDEM Project Manager before implementing
Bioretention/Rain Garden (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$15/sq ft	Section 4.5, pgs 82-95
Bioswale/Swales (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$7/sq ft	Section 4.7, pages 104-111
Infiltration Basin or Trench (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$5/sq ft	Section 4.8, pages 113-119
Media Filtration – Sand Filter (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$7/sq ft	Section 4.10, pages 130-138
Permeable Pavement (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$8/sq ft	Section 4.2, pages 47-63
Naturalize/Retrofit Wet Detention Basin** (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$15/ln ft	Section 4.12, pages 145-153; preliminary cost estimates have been given in linear feet; permit may be needed

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Green Roof (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$20/sq ft	Section 4.1, pages 32-45
Parking Lot Retrofits/Curb Cuts (City of Indianapolis Technical Design Standards)	sediment, nutrients	75%	\$7/sq ft	Section 4.9, pages 121-129

*No-till equipment modifications include, but are not limited to the following: chaff spreader on combine, no-till coulter, row cleaners, split nitrogen applications, variable rate phosphorus, potassium, and lime applications.

**Applications will only be considered to retrofit existing basins in order to add a water quality benefit. The grant cannot pay for practices that are primarily used to create water quantity benefit.