

COST LIST**FISCAL YEAR 2007****EFFECTIVE DATE: October 2, 2006**

All costs are the average total cost to install the practice or component. This total cost times the percent cost share shown in the Montana Supplement to the Conservation Programs Manual (440-V-CPM), Part 512, Conservation Program Contracting, Subpart D – Cost-Sharing and Incentive Payments, MT512.31(b)(1) Eligible Practices for Montana determines the amount of money a producer will receive. **All costs shown in the cost list are average cost (AC).** Used material will be cost shared based on 50 percent of the new cost times the cost share rate unless the item is specifically listed as used in the cost list. Methods of cost sharing are:

- AA = Actual cost not to exceed average cost
Prior to 2003 this was the cost-share method used for the EQIP Program unless otherwise specified. Bills must be submitted to determine the amount of cost share payment received.
- AM = Actual cost not to exceed a specified maximum cost
Actual cost multiplied by percent cost-share rate equals producer payment up to a specified maximum. Bills must be submitted to determine the amount of cost share payment received.
- AC = Average cost
Average cost multiplied by percent cost-share equals producer payment. This is the payment method for all EQIP contracts after 2003 unless otherwise specified.
- FR = Flat rate
Flat rate multiplied by units equals producer payment. Flat rates are direct rates not calculated as a percentage

560 ACCESS ROAD**ID UNITS: Feet**

Components:

1. Existing Road Erosion Control and Drainage (Feet of Road Protected) = \$2.00 per foot
2. New Road Construction (To Replace Poorly Located Existing Roads) = \$2.50 per foot.

311 ALLEY CROPPING**ID UNITS: Acres**

Components:

1. Tree/Shrub Rows, Incl. Installation [50 feet between rows] (Site Preparation, Vegetation Control, Stock, Fabric, Protection, Planting Labor)= \$870.00 per acre
2. Tree/Shrub Rows, Incl. Installation [100 feet between rows] (Site Preparation, Vegetation Control, Stock, Fabric, Protection, Planting Labor)= \$435.00 per acre.

366 ANAEROBIC DIGESTER, CONTROLLED TEMPERATURE**ID UNITS: Number**

Components:

1. Concrete foundation, 2 tanks (250-500 head), insulated building, instrumentation, generator, complete installation = \$600,000.00 each.

Use TABLE 1 to obtain additional components and resulting costs for this practice.

SECTION I

316 ANIMAL MORTALITY FACILITY

ID UNITS: Number

Components:

1. Disposal of Carcass from around farmsteads and feedlots to approved landfill = \$60.00 per animal unit
2. Disposal of Carcass from around farmsteads and feedlots to rendering company = \$120.00 per animal unit.

NOTE: Cost-share components are limited to working farms and ranches. Commercial feedlots are not eligible to receive this payment. Components are payable each year for a maximum of three years.

450 ANIONIC POLYACRYLAMIDE (PAM) EROSION CONTROL

ID UNITS: Acres

Components:

1. Polyacrylamide Used in Furrow Irrigation = \$7.50 per acre. (FR)

NOTE: Under EQIP this component is payable as an incentive payment and is limited to a maximum payment of \$1,500 per year for a total of \$4,500 per person. This practice component can only be used as part of a detailed IWM plan and is limited to 3 years per acre per system.

575 ANIMAL TRAILS AND WALKWAYS

ID UNITS: Feet

Components:

1. Trail/Walkway, Incl. Application = \$1.60 per linear foot.

NOTE: For Fencing Use Separate CI for Practice Code 382–Fence.

314 BRUSH MANAGEMENT

ID UNITS: Acres

Components:

1. Biological Treatment with Grazing = \$5.00 per acre.

NOTE: The number of acres receiving cost-share will be limited to the acres with brush not the total acres of the pasture.

322 CHANNEL BANK VEGETATION

ID UNITS: Acres

Components:

1. Seed and Seeding, Herbaceous, Native Species, Making Up 90-100% of Mixture = \$80.00 per acre
2. Seed and Seeding, Herbaceous, Tame Species = \$60.00 per acre
3. Seed and Seeding, Herbaceous, Native Species, Making Up 90-100% of Mixture plus Woody Material = \$2,270.00 per acre
4. Seed and Seeding, Herbaceous, Tame Species plus Woody Material = \$2,225.00 per acre
5. Seed and Seeding, Herbaceous, Native Species, Making Up 90-100% of Mixture plus Wood Material plus Erosion Control with Fabric = \$19,770.00 per acre
6. Seed and Seeding, Herbaceous, Tame Species plus Woody Material plus Erosion Control with Fabric = \$19,725.00 per acre.

NOTE: In component 1, 3 and 5 the mixture cannot contain more than 10 percent non-native legumes.

SECTION I

584 CHANNEL STABILIZATION

ID UNITS: Feet

Use TABLE 1 to obtain the components and resulting costs for this practice.

317 COMPOSTING FACILITY

ID UNITS: Number

Components:

1. Waste Composting Facility (reinforced concrete slab and 8 foot stacking walls with timber pole building roof structure) = \$10.00 per cubic foot manure storage (AC).
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328 CONSERVATION CROP ROTATION

ID UNITS: Acres

Components:

1. Organic Crop Production = \$35.00 per acre (FR)

NOTE: Under EQIP Component 1 is payable as an incentive payment for 1, 2, or 3 years and is limited to a maximum payment of \$3,500 per year for 3 years for a total of \$10,500 per person. Acreage in any phase of the conversion to organic certification is eligible for the incentive payment; however, acreage already certified organic is not eligible. Operations approved for the organic crop production incentive payment must receive a letter or certificate from a USDA accredited certifying agency verifying the producer's successful completion of an organic system plan, annual inspection, and review by the certifying agency.

2. Seed, Seeding, Packing = \$35.00 per acre
3. Perennial legume in rotation for soil health and organic matter improvement = \$13.00 per acre each year for 5 years.

NOTE: Component 2 is limited to the Flexible Legume—Cereal Cropping Rotation and limited to 320 acres per producer.

NOTE: Component 3: Area planted to perennial legume must have cropping history for the previous 5 years. No inversion tillage-type equipment (moldboard plow) can be used during the breakout year. This component is limited to 320 acres per producer.

330 CONTOUR FARMING

ID UNITS: Acres

Components:

1. Contour Establishment = \$12.00 per acre.
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331 CONTOUR ORCHARD AND OTHER FRUIT AREAS

ID UNITS: Acres

Components:

1. Contour Establishment = \$12.00 per acre.
-

340 COVER CROP

ID UNITS: Acres

Components:

1. Seed, Seeding, Packing, Weed Control = \$35.00 per acre.

NOTE: Component 1 is not eligible for irrigated cropland.

SECTION I

342 CRITICAL AREA PLANTING

ID UNITS: Acres

Components:

1. Grading and Shaping w/ Heavy Equipment, Seed and Seeding Native Species Making Up 90–100% of the Mixture, Packing if Necessary = \$11.00 per 1,000 square foot
2. Grading and Shaping w/ Heavy Equipment, Seed and Seeding Tame Species, Packing if Necessary = \$10.00 per 1,000 square foot
3. Seed and Seeding Native Species Making up 90–100% of the Mixture, Packing if Necessary = \$80.00 per acre
4. Seed and Seeding Tame Species, Packing if Necessary = \$60.00 per acre.

NOTE: In component 1 and 3 the mixture cannot contain more than 10 percent non-native legumes.

589C CROSS WIND TRAP STRIPS

ID UNITS: Acres

Components:

1. Cross Wind Trap Strip Establishment = \$2.00 per acre.
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348 DAM, DIVERSION

ID UNITS: Number

Components:

1. Construction of Dam, Diversion Complete Installation = \$3,000.00 each.
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324 DEEP TILLAGE

ID UNITS: Acres

Components:

1. Deep Tillage, Ripper = \$10.00 per acre.
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356 DIKE

ID UNITS: Feet

Components:

1. Construction of Dike, Complete Installation = \$3.00 per linear foot.
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362 DIVERSION

ID UNITS: Feet

Components:

1. Construction of Diversion, Complete Installation = \$3.50 per linear foot.
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647 EARLY SUCCESSIONAL HABITAT DEVELOPMENT/MANAGEMENT

ID UNITS: Acres

Components:

1. Seed and Seeding, Native Species, Making Up 90-100% of Mixture = \$44.00 per acre
2. Seed and Seeding, Tame Species = \$35.00 per acre.

NOTE: In component 1 the mixture cannot contain more than 10 percent non-native legumes.

SECTION I

382 FENCE

ID UNITS: Feet

Components:

1. Animal Confinement Facility, Perimeter Barrier SPECIFIED MAXIMUM = \$14.00 per linear foot based on a maximum of 400 square feet per Animal Unit
2. Construction of Interior Components of AFO/CAFO facility = \$20.00 per head (FR)

NOTE: Under EQIP Component 2 is payable as an incentive payment and with a maximum payment of \$6,000 per person. This incentive payment is only available in situations where 1) an AFO or CAFO is being moved or modified to remove access of waste from state or tribal waters; and, 2) when Component 1, Animal Confinement Facility, Perimeter Barrier, is also contracted. The cost for interior watering facilities is limited to one watering facility per 150 head. The cost-share for watering facilities is paid using NRCS practices for providing livestock water.

3. Fencing, 3-5 Barbed Wire, Incl. Installation = \$1.20 per foot
4. Fencing, 3-5 Barbed Wire, Mountains, Heavy Timber, Rough Terrain, Wet Boggy Meadows, Incl. Installation = \$2.15 per foot
5. Fencing, Jackleg, Incl. Installation = \$4.40 per foot
6. Fencing, Permanent Electric, Incl. Installation 2-5 Smooth Wire = \$0.50 per foot
7. Fencing, Permanent Electric, Incl. Installation 2-5 Smooth Wire, Including solar panel & energizer = \$0.60 per foot
8. Fencing, Riparian Area, Incl. Installation = \$1.75 per foot
9. Fencing, Smooth 3-5 Wire, Incl. Installation = \$1.20 per foot
10. Fencing, Woven Wire, Incl. Installation = \$1.65 per foot
11. Fencing, Predator Detering, Incl. Installation = \$1.00 per foot
12. Fencing, 5-7 Barbed Wire for wildlife control around windbreak/shelterbelt areas = \$1.70 per foot.

NOTE: Component 11 is limited to concentrated livestock areas such as calving areas, feeding areas or feedlots and bee apiaries in areas with grizzly bear and wolf predation conflicts.

NOTE: Fences are not cost shared on cropland.

386 FIELD BORDER

ID UNITS: Feet

Components:

1. Seed and Seeding, Native Species, making up 90-100% of mixture = \$44.00 per acre
2. Seed and Seeding, Tame Species = \$35.00 per acre

NOTE: New pasture and hay plantings that are converting annually tilled cropland to permanent vegetation and were not part of a pasture or hay rotation will be cost shared at the 75 percent rate.

NOTE: Hay plantings that are part of a crop—hay rotation are not eligible for cost share.

NOTE: Pasture plantings that are part of a crop—pasture rotation and are being renovated are cost shared at the 50 percent rate.

3. Seedbed Preparation, Seed and Seeding, Pollinator Friendly Tame Species = \$40.00 per acre.

NOTE: Component 3 cost-share will be provided for planting a sequentially blooming planting mix that provides flowering plants throughout the growing season. Mix must be selected from an NRCS approved list found in the Plant Materials Technical Note MT-47.

NOTE: In component 1 the mixture cannot contain more than 10 percent non-native legumes.

SECTION I

393 FILTER STRIP

ID UNITS: Acres

Components:

1. Seed and Seeding, Native Species, making up 90-100% of mixture = \$44.00 per acre
2. Seed and Seeding, Tame Species = \$35.00 per acre

NOTE: New pasture and hay plantings that *are converting annually tilled cropland to permanent vegetation and were not part of a pasture or hay rotation* will be cost-shared at the 75 percent rate.

NOTE: Hay plantings that are part of a crop—hay rotation are not eligible for cost-share.

NOTE: Pasture plantings that are part of a crop—pasture rotation and are being renovated are cost-shared at the 50 percent rate.

NOTE: For AFO/CAFO Installations use Practice Code 635—Waste Treatment Strip.

3. Seedbed Preparation, Seed and Seeding, Pollinator Friendly Tame Species = \$40.00 per acre.

NOTE: Component 3 cost-share will be provided for planting a sequentially blooming planting mix that provides flowering plants throughout the growing season. Mix must be selected from an NRCS approved list found in the Plant Materials Technical Note MT-47.

NOTE: In Component 1 the mixture cannot contain more than 10 percent non-native legumes.

394 FIREBREAK

ID UNITS: Feet

Components:

1. Mowing = \$10.00 per acre
 2. Tillage = \$8.00 per acre.
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666 FOREST STAND IMPROVEMENT

ID UNITS: Acres

Components:

1. Tree Thinning = \$375.00 per acre.
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384 FOREST SLASH TREATMENT

ID UNITS: Acres

Components:

1. Slash Disposal – Pile and Burn, Chip, or Shred = \$325.00 per acre.
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655 FOREST TRAILS AND LANDINGS

ID UNITS: Acres

1. Trails, Landings, and Protective Measures = \$30.00 per acre in harvest area.
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383 FUEL BREAK

ID UNITS: Acres

Components:

1. Forested – Thinning and Slash Treatment = \$700.00 per acre
 2. Structure – Thinning, Pruning and Slash Treatment (Restricted to maximum of 5 acres and only around structure) = \$960.00 per acre.
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SECTION I

410 GRADE STABILIZATION STRUCTURE

ID UNITS: Number

Use TABLE 1 to obtain the components and resulting costs for this practice.

412 GRASSED WATERWAY

ID UNITS: Acres

Components:

1. Construction of New Grassed Waterway, Complete Installation = \$2,500.00 per acre
2. Shaping Waterway, Complete Installation = \$1,250 per acre.

NOTE: Component 2 is for grassed waterways that are beyond the practice life and need to be reshaped to continue to function.

548 GRAZING LAND MECHANICAL TREATMENT

ID UNITS: Acres

Components:

1. Chiseling, One Time Including Dragging if Necessary = \$11.00 per acre
2. Chiseling, Two Times Including Dragging if Necessary = \$22.00 per acre.

NOTE: A chisel may be substituted with appropriate equipment as discussed in the Practice Standard.

561 HEAVY USE AREA PROTECTION

ID UNITS: Acres

Components:

1. Construction of Livestock Wind Shelter, Incl. Installation = \$30.00 per linear foot.
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603 HERBACEOUS WIND BARRIERS

ID UNITS: Feet

Components:

1. Seed and Seeding, Native Species, Making Up 90-100% of Mixture = \$44.00 per acre
2. Seed and Seeding, Tame Species = \$35.00 per acre.

NOTE: In component 1 the mixture cannot contain more than 10 percent non-native legumes.

320 IRRIGATION CANAL OR LATERAL

ID UNITS: Feet

Use TABLE 1 to obtain the components and resulting costs for this practice.

388 IRRIGATION FIELD DITCH

ID UNITS: Feet

Components:

1. Water Conveyance 5 CFS Capacity or less = \$2.00 per foot
 2. Water Conveyance more than 5 CFS Capacity = \$2.50 per foot.
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SECTION I

464 IRRIGATION LAND LEVELING

ID UNITS: Acres

Components:

1. Field Leveling = \$460.00 per acre.

NOTE: Cut or fill per acre must be greater than one-tenth (.10) foot per acre.

436 IRRIGATION STORAGE RESERVOIR

ID UNITS: Number and Acre-Feet

Use TABLE 1 to obtain the components and resulting costs for this practice.

441 IRRIGATION SYSTEM, MICROIRRIGATION

ID UNITS: Number and Acres

Components:

1. Pipe, Mains and Sub Mains, Filters, Emitters, Valves, Fittings, Trenching, Complete Installation = \$550 per acre. Practice is capped at \$2,000.00 per windbreak.

NOTE: Under EQIP Component 1 is limited to \$2,000 per windbreak.

442 IRRIGATION SYSTEM, SPRINKLER

ID UNITS: Number and Acres

Components:

1. Linear Move and Pivots, New, Incl. pivot pad and tie-in (dogleg, thrust block, valves, filter), without pump, complete installation = \$530.00 per acre
 2. Linear Move and Pivots, New, Complete System from Water Source to End Gun = \$760.00 per acre
 3. Linear Move and Pivots, Used, Incl. pivot pad and tie-in (dogleg, thrust block, valves, filter), without pump, complete installation = \$250.00 per acre
 4. Linear Move and Pivots, Used, Complete System from Water Source to End Gun = \$475.00 per acre
 5. Wheel Roll = \$290.00 per acre
 6. Used Wheel Roll = \$125.00 per acre.
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428 IRRIGATION, WATER CONVEYANCE (LINING)

ID UNITS: Feet

Components:

1. Polyacrylamide Canal Sealing = \$270.00 per acre.

Use TABLE 1 to obtain additional components and resulting costs for this practice.

430 IRRIGATION WATER CONVEYANCE (ALL PIPELINES INCLUDING RIGID GATED PIPE)

ID UNITS: Feet

Use TABLE 1 to obtain the components and resulting costs for this practice.

SECTION I

449 IRRIGATION WATER MANAGEMENT

ID UNITS: Acres

Components:

1. Leasing of Water to Qualifying Entity, SPECIFIED MAXIMUM = \$7,500.00 each (FR)
2. Conversion of Water Rights Saved to Non-agriculture Use = \$5,000.00 each (FR)
3. Water Banking Ground Water for Late Season Streamflow by Retro of Existing Pivot with Additional Nozzles \$5.00 per acre. (FR)

NOTE: Components 1, 2, and 3: Payable as an incentive payment. A payment for the lease agreement can not be made for Components 1 and 2 on the same water right.

Use TABLE 1 to obtain additional components and resulting costs for this practice.

466 LAND SMOOTHING

ID UNITS: Acres

Components:

1. Field Smoothing = \$150.00 per acre.

NOTE: Land planing for maintenance is not eligible.

468 LINED WATERWAY OR OUTLET

ID UNITS: Feet

Use TABLE 1 to obtain the components and resulting costs for this practice.

634 MANURE TRANSFER

ID UNITS: Number

Components:

1. Pipe, PVC, 6-inch, including fittings, air vents, reducers, etc. and thrust blocks, complete installation = \$10.00 per foot
2. Pipe, PVC, 8-inch, including fittings, air vents, reducers, etc. and thrust blocks, complete installation = \$12.00 per foot
3. Pump suction/discharge assembly with all valves, fittings, and thrust blocks 4 – 10 inch = \$3,200 each
4. Sprinkler head change out = \$1,000 per system
5. Check valve = \$1,000 per system.

Use TABLE 1 to obtain additional components and resulting costs for this practice.

484 MULCHING

ID UNITS: Acres

Components:

1. Vegetative Type = \$25.00 per acre.
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SECTION I

590 NUTRIENT MANAGEMENT

ID UNITS: Acres

Components:

Zone development will be completed within the first year of the contract. Choose from one of the following to develop nutrient management zones:

1. Precision Agricultural Method – Setting up nutrient management zones using Electrical Conductivity (EC) Survey to express soil texture and structure, CEC, O.M., drainage conditions, topsoil depth, soil water contents, and other characteristics = \$8.00 per acre (FR)

NOTE: Must also contract component 4.

2. Precision Agricultural Method – Setting up nutrient management zones using satellite imagery, aerial photography, or Land-based Remote Sensing Images providing information on soil color, dryness or wetness, crop vigor, crop productivity, pest infestation, nutrient deficiency, sufficiency, and toxicity = \$8.00 per acre (FR)

NOTE: Must also contract component 4.

3. Precision Agriculture Method – Setting up nutrient management zones using Grid Soil Sampling which involves dividing a field into square or rectangular sections (grids) of several acres in size. One soil test per 4 acres on fields less than 50 acres in size and one test per 5 acres on fields greater than 50 acres = \$15.00 per acre (FR).
4. Precision Agriculture Method – Zone Soil Sampling – Representative soil testing by zones established using methods outlined in Components 1-3 = \$22.50 per soil test based on 25 acres per soil test (FR)

Nutrient Application:

5. Precision Agriculture Method for Variable Rate Application of Fertilizer (Includes variable rate application of nutrients in the field through development of nutrient application map and nutrient application by a variable rate applicator that uses GPS guided system) = \$10.00 per acre (FR)

Yield Monitoring:

6. Precision Agricultural Method – Yield Monitoring using a GPS guided combine mounted monitor for documentation to monitor variation in the field and make adjustments as needed for future crops/forages, which includes a yield map and the delineation of high, medium, and low productivity area (Year 1 of contract) = \$10.00 per acre (FR)
7. Precision Agricultural Method – Yield Monitoring using a GPS guided combine mounted monitor for documentation to monitor variation in the field and make adjustments as needed for future crops/forages, which includes a yield map and the delineation of high, medium, and low productivity area (Years 2 and 3 of contract) = \$2.00 per acre (FR)

NOTE: Producers have the option of using components 1, 2, or 3 to develop nutrient management zones. Components 3 and 4 can be used to determine the fertilizer rate required. Component 5 is used to apply the fertilizer.

NOTE: Components 6-7 are optional. If used, yield monitoring must be contracted for three crops. If producers do not select components 6 and 7 as a part of their contract, they will not be eligible for those components in future contracts on this land.

NOTE: For irrigated land: Components 1-7 are incentive payments. Components 1-3 are available for one year while components 4 and 5 are available for three years. Components 6 and 7 are a single incentive payment and are limited to one and two years, respectively.

NOTE: For dry land: Components 1-7 are incentive payments. Components 1-5 are available for one year. Components 6 and 7 are a single incentive payment and are limited to one and three years, respectively.

NOTE: Cost-share for precision agricultural methods is limited to 500 acres.

8. Soil Sample = \$55.00 per ANALYSIS.

SECTION I

590 NUTRIENT MANAGEMENT--Continued

ID UNITS: Acres

9. Organic Livestock Conversion = \$3.50 per acre. (FR)

NOTE: Under EQIP Component 9 is payable as an incentive payment for 3 years and is limited to a maximum of 1,000 acres. Acreage already certified organic is not eligible. This payment is for transition of tame pastures or cropland seeded to pasture to certified organic tame pastures for use in transitioning to organic livestock production (does not include breaking of native sod). Operations approved for the organic livestock production incentive payment must receive a letter or certificate from a USDA accredited certifying agency verifying the producer's successful completion of an organic system plan, annual inspection, and review by the certifying agency.

582 OPEN CHANNEL

ID UNITS: Feet

Components:

1. Streambank Protection for Channels with Bankfull Discharges of 0 to 30 CFS = \$14.50 per foot of channel
2. Streambank Protection for Channels with Bankfull Discharges of over 30-60 CFS = \$30.00 per foot of channel
3. Streambank Protection for Channels with Bankfull Discharges of over 60 CFS = \$47.00 per foot of channel

NOTE: These costs include costs associated with channel vegetation and alterations in channel dimensions, patterns, and profiles necessary to ensure the stream banks are adequately protected and stable. Cost-share can not be received for 582 Open Channel and 580 Streambank and Shoreline Protection on the same reach. Costs are based on per foot of channel (i.e. Do not double the cost to account for each bank.)

NOTE: For Fencing, use separate CI for Practice Code 382--Fence.

512 PASTURE AND HAY PLANTING

ID UNITS: Acres

Components:

1. Seedbed Preparation, Seed and Seeding, Tame Species = \$35.00 per acre
2. Seedbed Preparation, Seed and Seeding, Pollinator Friendly Tame Species = \$40.00 per acre.

NOTE: New pasture and hay plantings that *are converting annually tilled cropland to permanent vegetation and were not part of a pasture or hay rotation* will be cost-shared at the 75 percent rate.

NOTE: Hay plantings that are part of a crop—hay rotation are not eligible for cost-share.

NOTE: Pasture plantings that are part of a crop—pasture rotation and are being renovated are cost-shared at the 50 percent rate.

NOTE: Component 2 cost-share will be provided for planting a sequentially blooming planting mix that provides flowering plants throughout the growing season. Mix must be selected from an NRCS approved list found in Plant Materials Technical Note MT-47.

SECTION I

595 PEST MANAGEMENT

ID UNITS: Acres

Components:

1. Biological - Applied, Includes Collecting and Releasing = \$250.00 per acre
2. Cultural - Prescribed Grazing - Temporary Fence = \$0.24 per foot
3. Cultural - Prescribed Grazing - Temporary Water = \$4.50 per acre
4. Cultural - Prescribed Grazing = \$5.00 per acre per year for a maximum of three years (FR)
5. Herbicide, Including Aerial Application = \$55.00 per acre per year for a maximum of three years.
6. Herbicide, Including Ground Application, VEHICLE = \$120.00 per acre per year for a maximum of three years
7. Herbicide, Incl. Ground Application, Backpack = \$250.00 per treated acre
8. Herbicide, Incl. Application, Salt Cedar, Russian Olive = \$300.00 per acre
9. Mechanical Treatment = \$7.00 per acre
10. Parasitic Nematode = \$125.00 per acre
11. Precision Application of Pesticides Using GPS Generated Weed Maps = \$12.00 per treated acre. (FR)

NOTE: Under EQIP the maximum for all components is \$30,000 per person. Cost-sharing for prescribed grazing is available when using animals that will specifically impact the target species. The grazing plan will show timing of grazing for the target species as well as ensure that non-target species are not overgrazed.

NOTE: Under EQIP this practice is limited to noxious weed control on grazing land and forest land only.

516 PIPELINE

ID UNITS: Feet

Components:

1. Pipe, Trenching, Seeding and Installation, Frost Free = \$2.60 per foot
2. Pipe, Trenching with Backhoe where site conditions require seeding and installation = \$2.80 per foot
3. Pipe, Trenching Seeding and Installation, Not Frost Free = \$2.00 per foot
4. Well Pit Assembly, Including CMP Lid, Pressure Tank, Pitless Adapter and Fitting = \$2,800.00 each
5. Generator at remote sites for livestock and wildlife water including weather proofing, self-starting, and able to pump water = \$7,500.00 each
6. Pipe, Excavation, Rock/Extreme Sites and Bedding = \$8.60 per cubic yard
7. Pipe, Excavation, Rock/Extreme Sites and Bedding, Seeding and Installation, Frost Free = \$4.00 per foot.

NOTE: Generator will be cost-shared only when reliable electric power is not available.

NOTE: Water developments are not cost-shared on cropland unless cropland is seeded to pasture or rangeland.

378 POND

ID UNITS: Number

Components:

1. Excavated Pond, 1/4 acre or less Water Surface Area, Incl. Installation = \$2,500.00 each
2. Excavated Pond, greater than 1/4 acre up to 1/2 acre Water Surface Area, Incl. Installation = \$4,200.00 each
3. Excavated Pond, greater than 1/2 acre to 3/4 acre Water Surface Area, Incl. Installation = \$5,900.00 each
4. Excavated Pond, greater than 3/4 acre to 1 acre Minimum Water Surface Area, Incl. Installation = \$7,600.00 each.

Use TABLE 1 to obtain the components for embankment pond.

**NOTE: For Seeding Use Separate CI for Practice Code 342–Critical Area Treatment.
For Fencing Use Separate CI for Practice Code 382–Fence.**

521 POND SEALING OR LINING

ID UNITS: Number

Use TABLE 1 to obtain the components and resulting costs for this practice.

338 PRESCRIBED BURNING

ID UNITS: Acres

Components:

1. Burning, Non-Forested Area = \$12.00 per acre
 2. Burning, Forested Area = \$45.00 per acre.
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528 PRESCRIBED GRAZING

ID UNITS: Acres

Components:

1. Prescribed Grazing = \$1.00 per acre EACH YEAR FOR A MAXIMUM OF 3 YEARS (FR)

NOTE: Under EQIP, an incentive payment of \$1.00 per acre per year is payable for a maximum of 3 years with a maximum payment of \$25,000 per person after all facilitating practices (Fences, Water Development, etc.) needed for the grazing systems have been installed. This incentive payment applies to tame and native grazing lands only where a prescribed grazing system is planned and implemented and at least 50% of the operating unit grazing land must be contracted for Prescribed Grazing. The component must be contracted for three years to receive the incentive payment. A payment cannot be made for both prescribed grazing and deferred grazing.

2. Prescribed Grazing = \$3.00 per acre EACH YEAR FOR A MAXIMUM OF 3 YEARS (FR) – Hiring and use of a human herder to facilitate rotational grazing and predator deterrence during the entire grazing season
3. Prescribed Grazing = \$3.00 per acre EACH YEAR FOR A MAXIMUM OF 3 YEARS (FR) – Use of a rotational grazing system approved by NRCS designed to improve sage grouse habitat and avoid use on sage grouse lek areas during the display period
4. Prescribed Grazing using portable fence and water = \$3,500. (FR)

NOTE: Components 2 and 3: Under EQIP an incentive payment of \$3.00 per acre per year is payable for a maximum of 3 years with a maximum payment of \$25,000 per person. This incentive payment applies to tame and native grazing lands only where a prescribed grazing system is planned and implemented and at least 50% of the operating unit grazing land must be contracted for Prescribed Grazing. The component must be contracted for three years to receive the incentive payment. A payment cannot be made for both prescribed grazing and deferred grazing.

NOTE: Component 2: This component is limited to areas with known grizzly bear, wolf and bald eagle livestock predation conflicts. Applicant or adjacent neighbor has livestock predation conflict issues with at least one of the three T&E species listed.

SECTION I

528 PRESCRIBED GRAZING--Continued

ID UNITS: Acres

NOTE: Component 4: Under EQIP, an incentive payment of \$3,500.00 is payable one time with a period of adoption of three years for the portable fence and water to facilitate grazing management. This component has the following requirements:

- Portable water facilities:
 - HDPE pipe only. Install above or below ground. Connect to existing water source such as pipeline, well main tank, etc.
 - Water troughs 300 gallons or less
 - If installing a portable pump (RAM, sling, nose, etc.) in a creek or river, the producer must provide proof of Montana water rights to remove the estimated amount of water.
- Portable fencing materials:
 - Electric fence charger must maintain minimum charge and ground as described in 382 - Fence specification.
 - To be used as interior cross fences. Not to be used as boundary fence or main pasture fence.
 - Initial fence locations to be determined with NRCS under the development of a grazing plan. Fences are portable, and it is understood that the producer will move them to adjust for animal forage needs, plant conditions, unexpected weather fluctuations, etc., to maximize the health, productivity and sustainability of all grazing lands within their control.

533 PUMPING PLANT

ID UNITS: Number

Components:

1. Pump, Including Installation, 1 HP or less = \$1,100.00 each
2. Pump Including Installation, Greater than 1 HP to 3 HP = \$1,500.00 each
3. Pump, Including Installation, Greater than 3 HP to 10 HP = \$4,300.00 each
4. Pump, Incl. Installation, Greater than 10 Horsepower to 30 Horsepower = \$5,600.00 each
5. Pump, Incl. Installation, Greater than 30 Horsepower to 50 Horsepower = \$7,200.00 each
6. Pump, Incl. Installation, Greater than 50 Horsepower to 75 Horsepower = \$11,000.00 each
7. Pump, Incl. Installation, Greater than 75 Horsepower = \$13,200.00 each
8. Variable speed controls for pumps = \$120.00 per horsepower.

550 RANGE PLANTING (90 to 100% Native Species)

ID UNITS: Acres

Components:

1. Seedbed Preparation, Seed and Seeding, Native Species Making Up 90-100% of Mixture = \$44.00 per acre
2. Seedbed Preparation, Seed and Seeding, Pollinator Friendly Native Species = \$49.00 per acre.

NOTE: In Component 1 the mixture cannot contain more than 10 percent non-native legumes.

NOTE: Component 2 cost-share will be provided for planting a sequentially blooming planting mix that provides flowering plants throughout the growing season. Mix must be selected from an NRCS approved list found in Plant Materials Technical Note MT-47.

SECTION I

329 RESIDUE AND TILLAGE MANAGEMENT, NO-TILL / STRIP TILL / DIRECT SEED

ID UNITS: Acres

Components:

1. Managing Residue = \$27.00 per acre. (FR)

NOTE: Under EQIP an incentive payment of \$27.00 per acre is payable one time with a period of adoption of three years after the practice is implemented and moves from an alternative conservation system to a basic conservation system or a basic conservation system to a resource management system with the maximum payment on 640 acres for the whole operation.

NOTE: A payment cannot be paid for both Residue Management and Salinity and Sodic Soil Management on the same acre of land.

346 RESIDUE AND TILLAGE MANAGEMENT, RIDGE TILL

ID UNITS: Acres

Components:

1. Ridger, Hiller = \$6.00 per acre. (FR)

NOTE: Under EQIP an incentive payment of \$8.00 per acre per year is payable for a maximum of three years after the practice is implemented and has not been implemented on the field in the past. The practice payment is limited to 640 acres for the whole operation.

NOTE: A payment cannot be paid for both Residue Management and Salinity and Sodic Soil Management on the same acre of land.

391 RIPARIAN FOREST BUFFER

ID UNITS: Acres

Components:

1. Vegetation Control = \$45.00 per acre
 2. Stock, Fabric, Vegetative Control, Site Preparation, Browse Protection, Mechanical Plant, Installed = \$7.00 per tree each
 3. Stock, Fabric, Vegetative Control, Site Preparation, Browse Protection, Hand Plant, Installed = \$11.00 per tree each.
-

390 RIPARIAN HERBACEOUS COVER

ID UNITS: Acres

Components:

1. Seed and Seeding, Native Species, making up 90-100% of mixture = \$80.00 per acre
2. Sprigging = \$75.00 per thousand square feet.

NOTE: In component 1 the mixture cannot contain more than 10 percent non-native legumes.

NOTE: For Fencing Use Separate CI for Practice Code 382–Fence.

558 ROOF RUNOFF STRUCTURE

ID UNITS: Number

Components:

1. Gutters and Downspouts = \$6.00 per foot.

Use TABLE 1 for additional components.

610 SALINITY AND SODIC SOIL MANAGEMENT

ID UNITS: Acres

Components:

1. Ground Water Investigation, per site (total saline seep area investigated) = \$2,500.00 per site
2. Recharge Area Moisture Management (Perennial Vegetation) = \$35.00 per acre EACH YEAR FOR 5 YEARS

NOTE: A payment cannot be made for both Residue Management and Salinity and Sodic Soil Management on the same acre of land.

NOTE: Under EQIP Component 2 is not eligible for cost-share on irrigated land.

NOTE: For seeding use a separate CI for Practice Code 512–Pasture and Hay Planting or Practice Code 550–Range Planting.

381 SILVOPASTURE ESTABLISHMENT

ID UNITS: Acres

Components:

1. Tree/Shrub Establishment = \$2.50 each
2. Seed and Seeding Native Species making up to 90-100% mixture = \$80.00 per acre
3. Seed and Seeding Tame Species = \$60.00 per acre.

NOTE: In component 2 the mixture cannot contain more than 10 percent non-native legumes.

572 SPOIL SPREADING

ID UNITS: Acres

Components:

1. Spoil Spreading = \$1.50 per cubic yard.
-

574 SPRING DEVELOPMENT

ID UNITS: Number

Components:

1. Spring Development, Complete for Collection System = \$3,500.00 each
 2. Spring Development, Complete for Collection System, Pipeline and Tank = \$4,500 each
-

580 STREAMBANK AND SHORELINE PROTECTION

ID UNITS: Feet

Components:

1. Streambank Protection for Channels with Bankfull Discharges of 0 to 30 CFS = \$14.50 per foot of channel
2. Streambank Protection for Channels with Bankfull Discharges over 30-60 CFS = \$30.00 per foot of channel
3. Streambank Protection for Channels with Bankfull Discharges over 60 CFS = \$47.00 per foot of channel.

NOTE: These costs include costs associated with channel vegetation and alterations in channel dimensions, patterns, and profiles necessary to ensure the stream banks are adequately protected and stable. Cost-share can not be received for 582 Open Channel and 580 Streambank and Shoreline Protection on the same reach. Costs are based on per foot of channel (i.e. Do not double the cost to account for each bank.)

NOTE: For Fencing Use Separate CI for Practice Code 382–Fence

SECTION I

578 STREAM CROSSING

ID UNITS: Feet

Components:

1. Stream Access = \$3.00 per square foot
2. Stream Crossing = \$2,300.00 each.

NOTE: For Fencing Use Separate CI for Practice Code 382–Fence.

395 STREAM HABITAT IMPROVEMENT AND MANAGEMENT

ID UNITS: Acres

Use TABLE 1 to obtain additional components and resulting costs for this practice.

587 STRUCTURE FOR WATER CONTROL

ID UNITS: Number

Components:

1. Inline Water Control Structure (6 feet in height or less) = \$2,600.00 each.

Use TABLE 1 to obtain additional components and resulting costs for this practice.

**NOTE: For Seeding Use Separate CI for Practice Code 342–Critical Area Treatment.
For Fencing Use Separate CI for Practice Code 382–Fence.**

606 SUBSURFACE DRAIN

ID UNITS: Feet

Use TABLE 1 to obtain the components and resulting costs for this practice.

607 SURFACE DRAINAGE FIELD DITCH

ID UNITS: Feet

Components:

1. Collection of Excess Water in a Field = \$0.60 per foot

NOTE: For Seeding Use Separate CI for Practice Code 342–Critical Area Treatment.

600 TERRACES (LEVEL OR GRADIENT)

ID UNITS: Feet

Components:

1. Construction of Terraces = \$2.00 per foot.
-

SECTION I

612 TREE/SHRUB ESTABLISHMENT

ID UNITS: Acres

Components:

1. Trees/Shrubs (Bareroot, Containerized), Reforestation, Vegetation Control, Site Preparation, Planting, Complete Installation = \$2.00 per tree
 2. Trees/Shrubs (Bareroot, Containerized), Barrier Mesh Fabric, Vegetation Control, Site Preparation, Planting, Complete Installation = \$5.50 per tree
 3. Trees/Shrubs (Bareroot, Containerized), Vegetation Control, Site Preparation, Browse Protection, Planting, Complete Installation = \$4.50 per tree
 4. Trees/Shrubs (Bareroot, Containerized), Barrier Mesh Fabric, Vegetation Control, Site Preparation, Browse Protection, Planting, Complete Installation = \$7.00 per tree.
-

490 TREE/SHRUB SITE PREPARATION

ID UNITS: Acres

Components:

1. Site Preparation for Forest Establishment (Mechanical, Chemical, Burning) = \$55.00 per acre.
-

660 TREE/SHRUB PRUNING

ID UNITS: Number

Components:

1. Pruning = \$260.00 per acre.

NOTE: This component is not for hazard fuels reduction (See 383 Fuel Break).

620 UNDERGROUND OUTLET

ID UNITS: Feet

Use TABLE 1 to obtain the components and resulting costs for this practice.

313 WASTE STORAGE FACILITY

ID UNITS: Number

Use TABLE 1 to obtain the components and resulting costs for this practice.

635 WASTEWATER TREATMENT STRIP

ID UNITS: Acres

Use TABLE 1 to obtain the components and resulting costs for this practice.

SECTION I

633 WASTE UTILIZATION

ID UNITS: Acres

Components:

1. Removal of Existing Animal Feeding Facility (Includes removal of facility, grading, shaping and seeding) = \$2,000.00 each
2. Waste Spreading (Spreading, Manure Analysis, Proper Application) = \$3.50 per ton (limited to one year's manure production with a maximum of 6,000 tons) (FR)
3. Waste Spreading (Spreading, Manure Analysis, Proper Application) = \$14.00 per 1,000-gallons (limited to one year's manure production with a maximum of 1,500,000 gallons of manure). (FR)

NOTE: Cost-share is available for either Component 2 or 3, but not both.

NOTE: Under EQIP, cost-share for Waste Spreading in Component 2 is payable one time based on one year's animal waste as outlined in a waste management plan and is limited to 6,000 tons.

NOTE: Under EQIP cost-share for waste spreading in Component 3 is payable one time based on one year's animal waste as outlined in a waste management plan and is limited to 1,500,000 gallons of manure.

614 WATERING FACILITY

ID UNITS: Number

Components:

1. Tank, Incl. Installation = \$1.40 per gallon
2. Tank, Metal Bottomless, Incl. Installation = \$1.60 per gallon
3. Tank, Rubber Tire, Incl. Installation = \$1,000.00 each
4. Tank, Storage, New, Incl. Installation = \$1.00 per gal.
5. Tank, Storage, Used, Incl. Installation = \$0.50 per gal.
6. Tank, Winter, 450 gallons or less, Incl. Installation = \$1,500.00 each
7. Tank, Winter, greater than 450 gallons, Incl. Installation = \$3,000.00 each.

NOTE: All Troughs and Tanks are Contracted As Complete Installation.

NOTE: Water developments are not cost-shared on cropland unless cropland is seeded to pasture or rangeland.

640 WATERSPREADING

ID UNITS: Acres

Components:

1. Installation of a Water Spreading System = \$200.00 per acre.

NOTE: For Seeding Use Separate CI for Practice Code 342–Critical Area Treatment

638 WATER AND SEDIMENT CONTROL BASIN

ID UNITS: Number

Use TABLE 1 to obtain the components and resulting costs for this practice.

SECTION I

642 WATER WELL

ID UNITS: Number

Components:

1. Artesian Wells—Cementing and packing of flowing and non-flowing artesian wells, to conserve groundwater in artesian aquifers and to protect higher quality groundwater from incursion by poor quality water. Final design is the responsibility of a licensed water well contractor. This item requires a report by the NRCS State Geotechnical Engineer/Geologist or by the Montana Bureau of Mines and Geology = \$2,000.00 each
2. Pre-well assessment with camera = \$750.00 each per well
3. Artesian Wells – Winterizing and valving, including pit, CMP lid, pitless adapter, fittings, and installation = \$5,000.00 each
4. Artesian Wells – Sleeving, concrete and installation = \$25.00 per foot
5. Drilling and Casing w/ Gravel Pack Filter = \$45.00 per linear foot
6. Drilling and Casing w/o Gravel Pack Filter = \$35.00 per linear foot
7. Dug and Cased Well Up to 25 feet deep = \$130.00 per foot
8. Mobilization and Set Up for Shallow Wells (LESS THAN 60 feet) = \$1,000.00 each
9. Pump, Incl. Installation, 1 Horsepower or less = \$1,100.00 each
10. Pump, Incl. Installation, Greater than 1–3 Horsepower = \$1,500.00 each
11. Pump with Solar Power Supply, Incl. Installation = \$7,500.00 each
12. Well Pit Assembly Including CMP, Lid, Pressure Tank, Pitless Adapter, and Fitting, Incl. Installation= \$2,800.00 each
13. Well Screen, Galvanized Steel = \$35.00 per foot
14. Well Screen, Plastic = \$25.00 per foot
15. Well Screens, Stainless Steel = \$80.00 per foot
16. Windmill, Incl. Installation (Including Mill, Tower, Pump, Cement, Sucker Rod, and Pipe) = \$12,500.00 each
17. Generator at remote sites for livestock and wildlife water including weatherproofing, self-starting, and able to pump water = \$7,500.00 each.

NOTE: Generator will be cost-shared only when reliable electric power is not available and solar is not a viable option.

NOTE: Cost-share for a dry well is not available under EQIP as stated in the ineligible cost section of the EQIP manual.

NOTE: When paying for pre-well assessment with camera under Component 2, be sure the producer is paying for this component. Under a separate agreement NRCS may have already paid for the assessment using a Technical Service Provider.

NOTE: Water developments are not cost-shared on cropland unless cropland is seeded to pasture or rangeland.

351 WELL DECOMMISSIONING

ID UNITS: Number

Components:

1. Sealing of an Abandoned Well = \$800.00 per well
2. Pre-well Assessment with camera = \$500.00 each per well

NOTE: Sealing of abandoned wells as recommended by geologist and following Montana State Law and Regulations.

NOTE: When paying for pre-well assessment with camera under Component 2, be sure the producer is paying for this component. Under a separate agreement NRCS may have already paid for the assessment using a Technical Service Provider.

SECTION I

658 WETLAND CREATION

ID UNITS: Acres

Components:

1. Creation of a Wetland = \$150.00 per acre (FR)

NOTE: An incentive payment of \$150.00 per acre is payable one time under EQIP. Use Table 1 to obtain the components and resulting costs for this practice or use other practices listed in the standard to plan, design, install, and pay for the costs.

659 WETLAND ENHANCEMENT

ID UNITS: Acres

Components:

1. Enhancement of a Wetland = \$150.00 per acre (FR)

NOTE: An incentive payment of \$150.00 per acre is payable one time under EQIP. Use Table 1 to obtain the components and resulting costs for this practice or use other practices listed in the standard to plan, design, install, and pay for the costs.

657 WETLAND RESTORATION

ID UNITS: Acres

Components:

1. Restoration of a Wetland = \$300.00 per acre. (FR)

NOTE: An incentive payment of \$300.00 per acre is payable one time under EQIP. Use Table 1 to obtain the components and resulting costs for this practice or use other practices listed in the standard to plan, design, install, and pay for the costs.

648 WILDLIFE WATERING FACILITY

ID UNITS: Number

Components:

1. Small Game Guzzler, Incl. Installation = \$1,500.00 each
 2. Wildlife Watering Trough, Incl. Installation = \$300.00 each
 3. Excavation of Shallow Pond = \$1,500.00 each.
-

380 WINDBREAK/SHELTERBELT ESTABLISHMENT

ID UNITS: Feet

Components:

1. Tree/Shrub Rows, Incl. Installation (Site Preparation, Vegetation Control, Stock, Planting Labor) = \$1.20 per tree
2. Tree/Shrub Rows, Incl. Installation (Site Preparation, Vegetation Control, Stock, Fabric, Planting Labor) = \$4.00 per tree
3. Tree/Shrub Rows, Incl. Installation (Site Preparation, Vegetation Control, Stock, Fabric, Protection, Planting Labor) = \$5.00 per tree
4. Vegetation Control (Mechanical or Chemical), Incl. Application = \$45.00 per acre.

NOTE: For Fencing Use Separate CI for Practice Code 382–Fencing.

SECTION I

650 WINDBREAK/SHELTERBELT RENOVATION

ID UNITS: Feet

Components:

1. Adding New Trees to Replace Dead Trees = \$20.00 per 100 foot row
 2. Removal of Entire Tree and/or Shrub Row = \$200.00 per 100 foot row
 3. Thinning of Trees and/or Shrubs = \$75.00 per 100 foot row
-

SECTION I

TABLE 1. Listing of Eligible Components

ELIGIBLE COMPONENTS	INCLUDING INSTALLATION	UNIT COST	UNIT TYPE
Agricultural Animal Waste Separator		\$35,000.00	each
Agricultural Animal Waste Separator, screw-type with controller, installed		\$75,000.00	
Agricultural Animal Waste Separator, Complete Installation, all components		\$150,000.00	Each
Agricultural Waste Pump, Stationary, chopper/slurry		\$9,000	each
Agricultural Waste Pump, Portable, PTO-driven		\$9,000	each
Agricultural Waste Agitator		\$20,000	each
Barrier, Mesh Fabric		\$0.15	square foot
Bedding for Pipeline		\$4.00	cubic yard
Bedding for Pipeline, Delivered to Site		\$9.00	Cubic yard
Bentonite, Refined		\$93.00	ton
Bentonite, Refined, 50-pound bag		\$8.00	bag
Brush Mattresses w/ Fascine		\$10.00	linear foot
Clump Planting, Planting		\$75.00	each
Concrete in Place, Non-Reinforced, Ditch Lining		\$130.00	cubic yard
Concrete in Place, Reinforced, Formed		\$400.00	cubic yard
Concrete in Place, Reinforced, Slabs		\$250.00	cubic yard
Concrete in Place, Reinforced, Unformed		\$100.00	cubic yard
Deferred Grazing Special use situations only such as after a fire, weed control, range chiseling, cover and green manure crop, or wildlife enhancement. FOR A MAXIMUM OF 2 YEARS		\$5.00	acre
Ditch and Pad Preparation (Irrigation)		\$1.00	linear foot
Dog-leg Assembly		\$800.00	each
Earthfill, Compacted		\$2.30	cubic yard
Earthfill, Structural		\$4.50	cubic yard
Earthmoving		\$1.40	cubic yard
Erosion Control Blanket		\$4.15	square yard
Excavation, Common		\$1.45	cubic yard
Excavation, Rock		\$8.60	cubic yard
Excavation, Wet		\$2.00	cubic yard
Excavation, Wet, Requiring 6x6 Trucks for Hauling		\$4.00	cubic yard
Excavation, Wet, Requiring Tracked Trucks for Hauling		\$5.00	cubic yard
Fence, Safety, Chain Link for Waste Storage Facility		\$12.00	foot

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eligible components	including Installation	unit cost	unit type
Fence, Safety, No-Climb Wire for Waste Storage Facility		\$7.00	foot
Fertilizer, Available K	Yes	\$0.18	pound
Fertilizer, Available N or P	Yes	\$0.30	pound
Filter Material		\$20.00	cubic yard
Filters, In-line, Pressure, 700 gpm rated		\$1,200.00	each
Filters, In-line, Pressure, 1,200 gpm rated		\$2,500.00	each
Fish Ladder, Steel	Yes	\$3,000.00	each
Fish Screen, Wedge-wire, Counda-Drum, Installed		\$1,300.00	CFS
Flow Measuring Flume, Less than 5 CFS Capacity		\$750.00	each
Flow Measuring Flume, Less than 10 CFS and 5 CFS or Greater Capacity		\$1,000.00	each
Flow Measuring Flume, 10–20 CFS Capacity		\$1,400.00	each
Flow Measuring Flume, Greater than 20 CFS Capacity		\$2,000.00	each
Flow Meter for Pipeline, Elbow		\$250.00	each
Flow Meter for Pipeline, 10 inch or Less		\$1,000.00	each
Flow Meter for Pipeline, 12–15 inch		\$1,300.00	each
Flow Meter for Pipeline, 18–24 inch		\$2,200.00	each
Gate, Screw Type Canal, 15 inch or Less	Yes	\$800.00	each
Gate, Screw Type Canal , 18–24 inch	Yes	\$1,600.00	each
Gate, Screw Type Canal, 24-48 inch	Yes	\$3,000	each
Gate, Screw Type Canal, Greater than 48 inch	Yes	\$4,000	each
Gate, Simple Slide	Yes	\$100.00	each
Geogrid (EARTHEN FILL)		\$48.00	square yard
Geotextile		\$2.00	square yard
Gravel Drain Fill		\$20.00	cubic yard
Gravel, Filter Material		\$20.00	cubic yard
Gravel, Pit Run		\$10.00	cubic yard
Gravel, Spawning		\$35.00	cubic yard
Gunite, Shotcrete, In Place		\$300.00	cubic yard
Herbaceous Stock, Containerized		\$0.30	each
Herbicides	Yes	\$10.00	acre
Hydrant, Gated Pipe		\$550.00	each
Instream Rock Structures, (VANES, ROCK WEIRS, ROCK DIVERSIONS)	Yes INCLUDING EXCAVATION AND EARTHFILL	\$45.00	cubic yard
Logs, In Place		\$10.00	foot
Lumber, Treated or Untreated	Yes	\$3.00	board foot

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eligible components	including Installation	unit cost	unit type
Membrane Lining, EPDM, installed	Yes	\$0.83	square foot
Membrane Lining, HDPE and LLDPE, 40 mil, installation	Yes	\$0.67	square foot
Membrane Lining, HDPE and LLDPE, 60 mil, installation	Yes	\$0.75	square foot
Membrane Lining, PVC, 30 mil, installed	Yes	\$0.38	square foot
Membrane Lining, PVC, 40 mil, installed	Yes	\$0.53	square foot
Membrane Lining, RPP, Installed	Yes	\$0.83	square foot
Membrane Lining, Polypropylene	Yes	\$0.83	square foot
Membrane Lining, Woven	Yes	\$0.30	square foot
Membrane Lining, Non-Woven	Yes	\$0.21	square foot
Moss catcher, including installation	Yes	\$800.00	CFS
Mulch and Anchoring Mulch on Waterway and Critical Area Treatment		\$25.00	acre
Mulching, plus Net		\$1.00	square yard
Nesting Structure using stand pipe		\$800.00	each
Packing Seedbed		\$5.00	acre
Pipe, Corrugated, PE or HDPE, not installed		\$2.12	pound
Pipe, Corrugated, PE or HDPE, 10" w/ fittings, install	Yes	\$14.90	foot
Pipe, Corrugated, PE or HDPE, 12" w/ fittings, install	Yes	\$15.90	foot
Pipe, Corrugated, PE or HDPE, 15" w/ fittings, install	Yes	\$19.30	foot
Pipe, Corrugated, PE or HDPE, 18" w/ fittings, install	Yes	\$21.50	foot
Pipe, Corrugated, PE or HDPE, 24" w/ fittings, install	Yes	\$27.00	foot
Pipe, Corrugated, PE or HDPE, 36" w/ fittings, install	Yes	\$42.20	foot
Pipe, CMP, Arch, Including Fittings, Simple Air Vents and Anti-Seep Collars	Yes	\$1.25	pound
Pipe, CMP, Including Fittings, Simple Air Vents	Yes	\$1.10	pound
Pipe, CMP, PolyCoat, Including Fittings, Simple Air Vent	Yes	\$1.50	pound
Pipe, Aluminum' Including Fittings	Yes	\$4.00	pound
Pipe, Concrete, Reinforced, Including Fittings, Simple Air Vent		\$0.15	pound
Pipe, EPDM, installed	Yes	\$0.83	pound
Pipe, Flow Meter Tube, Including Fittings, and Installation	Yes	\$800.00	each

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eligible components	including Installation	unit cost	unit type
Pipe, Gated, Rigid Plastic Including Fittings	Yes	\$1.50	pound
Pipe, HDPE, Non-Perforated Including Fittings, Simple Air Vent		\$1.50	pound
Pipe, HDPE, Perforated, Non-Perforated Including Fittings, Simple Air Vent	Yes	\$1.50	pound
Pipe, HDPE, Perforated, Non-Perforated Including Fittings		\$1.25	pound
Pipe, HDPE, Pressure Pipe, Including Fittings, not installed		\$1.50	pound
Pipe, PVC Including Fittings, Simple Air Vent , Pressure Reducers & thrust block, 8 inches or less	Yes	\$1.42	pound
Pipe, PVC Including Fittings, Simple Air Vent , Pressure Reducers & thrust block, Greater than 8 inches	Yes	\$1.31	pound
Pipe, PVC, 6-inch 80 PSI Including Fittings, Simple Air Vents, Pressure Reducers, Thrust Blocks	Yes	\$2.17	foot
Pipe, PVC, 8-inch 80 PSI Including Fittings, Simple Air Vents, Pressure Reducers, Thrust Blocks	Yes	\$3.83	foot
Pipe, PVC, 10-inch 80 PSI Including Fittings, Simple Air Vents, Pressure Reducers, Thrust Blocks	Yes	\$5.52	foot
Pipe, PVC, 12-inch 80 PSI Including Fittings, Simple Air Vents, Pressure Reducers, Thrust Blocks	Yes	\$8.00	foot
Pipe, PVC, 15-inch 80 PSI Including Fittings, Simple Air Vents, Pressure Reducers, Thrust Blocks	Yes	\$12.48	foot
Pipe, PVC, 18-inch 80 PSI Including Fittings, Simple Air Vents, Pressure Reducers, Thrust Blocks	Yes	\$18.71	foot
Pipe, Steel, Smooth Including Fittings, Simple Air Vent	Yes	\$3.50	pound

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eligible components	including Installation	unit cost	unit type
Pipe Boring, Less than 4 inch diameter pipe	Yes	\$15.00	foot
Pipe Boring, 4 – 5 inch diameter pipe	Yes	\$30.00	foot
Pipe Boring, 6 inch diameter pipe	Yes	\$75.00	foot
Pipe Boring, 8 – 10 inch diameter pipe	Yes	\$100.00	foot
Pipe Boring, 12 – 16 inch diameter pipe	Yes	\$150.00	foot
Pipe Boring, Greater than 16 inch diameter pipe	Yes	\$200.00	foot
Pump Suction/Discharge Assembly w/all valves & fittings & thrust blocks 4 inch to 10 inch	Yes	\$3,200	each
Pump Suction/Discharge Assembly w/all valves & fittings & thrust blocks Greater than 10inch to 12 inch	Yes	\$3,800	each
Pump Suction/Discharge Assembly w/o valves and thrust blocks 4 inch to 10 inch	Yes	\$500	each
Pump Suction/Discharge Assembly w/o valves and thrust blocks Greater than 10inch to 12 inch	Yes	\$800	each
Pump Site Retrofit – High Cost	Yes	\$25,000	each
Pump Site Retrofit – Medium Cost	Yes	\$15,000	each
Pump Site Retrofit – Low Cost	Yes	\$8,000	each
PVC Riser, ½ inch wall thickness, installed	Yes	\$1,600.00	Each
Rock, Footer		\$15.00	linear foot
Rock, Riprap		\$48.00	cubic yard
Root Wads Including Root Wad, Footer Log, Rock, Excavation, Earthfill, Trees, Rock, and Anchors		\$700.00	each
SCREENS:			
Intake Screens (Rotating Drum)		\$3,000.00	each
Intake Screens (Rotating Drum with Inlet Structure)		\$4,600.00	each
Intake Screens (Self Cleaning)		\$1,200.00	each
Intake Screens (Self Cleaning, cmp with screen)		\$1,600.00	each
Intake Screens (Turbulent Fountain)		\$4,000.00	each
Intake Screens (Wedge Wire, Drum-Type, Installed)		\$1,300.00	cfs
Seed and Seeding, Preparatory Cover Crop		\$8.00	acre
Shaping (Non-Irrigated Areas ONLY)		\$450.00	acre
Shaping Streambanks		\$5.00	linear foot
Site Preparation		\$1,600.00	each

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eligible components	including Installation	unit cost	unit type
Sodding		\$150.00	thousand square feet
Soil Moisture Data Logger		\$400.00	each
Soil Moisture Electrical Resistance Sensor		\$90.00	each
Soil Moisture Resistance Blocks		\$8.00	each
Soil Moisture Meter		\$300.00	each
Soil Moisture Tensiometers–12 inches long		\$44.00	each
Soil Moisture Tensiometers–24 inches long		\$48.00	each
Soil Moisture Tensiometers–36 inches long		\$52.00	each
Sprigging		\$75.00	thousand square feet
Steel Cable		\$1.00	pound
Steel, Structural Including Fabrication	Yes	\$5.00	pound
Thrust Block	Yes	\$110.00	each
Topsoil, Stockpiling and Replacing		\$400.00	acre
Trash Rack	Yes	\$1.50	pound
Tree Revetments, per Bank Linear Foot, Including Anchors		\$10.00	linear foot
Trenching, Backhoe, 12 inch or less diameter	Yes and Backfill	\$2.00	linear foot
Trenching, Backhoe, Greater than 12 inch diameter	Yes and Backfill	\$2.50	linear foot
Trenching, Wheel Trenches	Yes and Backfill	\$1.90	linear foot
Valve, Alfalfa and Riser Assembly	Yes	\$350.00	each
Valve, Butterfly/Gate, 10 inch or less	Yes	\$700.00	each
Valve, Butterfly/Gate, 12–15 inch	Yes	\$1,000.00	each
Valve, Butterfly/Gate, 18 inch	Yes	\$2,000.00	each
Valve, Continuous Action Air Vent/Vacuum Relief		\$330.00	each
Valve, Flow Control, Pneumatic or Pinch-Type		\$3,800	each
Valve, Inline, Slide Gate for Gated Pipe		\$300.00	each
Valve, Irrigation Surge, w/ Couplers		\$2,400.00	each
Valve, Pressure Relief		\$200.00	each
Valve, Swing Check		\$400.00	each
Valves, Control Bladder/Sleeve Automatic, 4 inch		\$600.00	each

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TECHNICAL GUIDE

ELIGIBLE COMPONENTS	INCLUDING INSTALLATION	UNIT COST	UNIT TYPE
Valves, Control Bladder/Sleeve Automatic, 6–8 inch		\$1,200.00	each
Valves, Irrigation Riser Assembly, T-Riser and Valve, 8 inch		\$110.00	each
Valves, Irrigation Riser Assembly, T-Riser and Valve, 12 inch or Greater		\$150.00	each
Valves, Pressure Reducing Less than 8 inch		\$3,800	each
Vertical Bundles, Dormant Wood Cutting		\$5.00	each
Water Measurement/Totalizer		\$1,500.00	each

SECTION I

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