

South Dakota Cost List - 2002 Program Year

Effective April 4, 2002

The 2002 South Dakota Cost List will be used for all conservation programs administered by the Natural Resources Conservation Service (NRCS). Programs include:

Environmental Quality Incentives Program (**EQIP**)

Wildlife Habitat Incentives Program (**WHIP**)

Wetland Reserve Program (**WRP**)

Emergency Watershed Program (**EWP**)

PL-566 Watershed Project (**PL-566**)

Great Plains Conservation Program (**GPCP**)

Water Bank Program (**WBP**)

Interim EQIP

Programs such as the Conservation Reserve Program (CRP) or Emergency Conservation Program (ECP) have separate cost lists. See appropriate program documentation for more information.

Methods and policy on cost-sharing, development of average cost data, and procedures for establishing cost-share rates are discussed in General Manual (GM), Subpart D, 404.31, and 404.32. Methods of cost share in this cost list include:

AM - Actual cost not to exceed a specified maximum cost

FR - Flat rate

Cost-share payments are determined by multiplying the listed cost by the allowable program cost-share rate (except for AM or AA which use the lesser of actual cost or specified maximum cost). However, several practices have additional factors which need to be taken into consideration:

Waste Management System:

^e Only the components of the overall waste management system required for the proper collection, storage, transport, treatment, and utilization of the waste materials will be eligible for cost-share. These will include practices needed for the diversion of clean water around the system, manure settling basins, waste storage facilities, fencing for the protection of these settling and storage facilities, and permanently installed equipment or facilities needed to transport manure to holding ponds or other storage facilities.

^e When a feedlot is being moved to an entirely new location to promote water quality improvement, cost-share will be limited to the waste management system structures and components. However, exceptions may be considered on a case-by-case basis with concurrence of the NRCS Engineer and local District Conservationist with prior approval of the State Conservation Engineer. Examples include; perimeter fencing around the entire facility, components to deliver water up to (but not including) livestock watering facilities, shelterbelt establishment, and temporary wind shelters for livestock protection until shelterbelts are permanently established. NOTE: When relocating a facility, the producer must agree to completely abandon all livestock feedlot type activities at the existing facility.

Fencing:

Fences **NOT ELIGIBLE** for cost-share:

- e To keep livestock within the boundaries of a prescribed grazing system(s), range unit, allotment, grazing area, Tribal grazing unit, etc.
- e Along federal, state, county, Tribal, and township roads.
- e To separate cropland from rangeland or pastureland.
- e Feedlot perimeter fencing. Exceptions will be considered on a case-by-case basis **ONLY** when a feedlot is being moved to an entirely new location to promote water quality improvement.

Fences **ELIGIBLE** for cost-share:

- e Control the movement of cattle within a prescribed grazing system, range unit, allotment, grazing area, Tribal grazing unit, etc., (cross fences) regardless of ownership.
- e Protect other conservation practices (trees, seedings, ponds, etc.) from livestock grazing regardless of ownership provided that the livestock being excluded are from the unit under contract, and fences are not along a road as defined above.
- e Lanes required to rotate cattle between pastures within a prescribed grazing system provided they are not adjacent to a road as defined above and are inside the boundary of the grazing system, range unit, allotment, grazing area, Tribal grazing unit, etc.
- e To protect holding ponds, debris basins, or other required structures of an animal waste management system.

Pumping Plant:

- e Includes applicable costs associated with pump, power unit, pressure tank, appurtenances, and well pit. Power units may include solar panels or electric generators. The cost of installing electric or gas lines to operate the facility is not eligible for cost-share. One time cost-share, all maintenance and replacement costs are the responsibility of producer.

Also included as an attachment to the 2002 South Dakota Cost List is a Conservation Practice Suggested Life Span and O&M (Operation and Maintenance) Table. Practice life spans and O&M estimated costs are needed to determine the Average Annual Cost of installing conservation practices. More information on the economics of conservation, the use of Interest and Annuity tables and amortization is located at the South Dakota NRCS home page at:

www.sd.nrcs.usda.gov/General_Info/tech_resources.

COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
Bioengineering			
Brush box - trench pak	L.F.	\$5.00	AM
Brush matting	SQ.FT.	\$1.35	AM
Willow planting - locally harvested	EA.	\$0.20	AM
Willow planting - nursery stock	EA.	\$0.30	AM
Brush Management			
Chemical brush management	AC.	\$10.00	AM
Concrete			
Reinforced concrete flatwork	CU.YD.	\$150.00	AM
Reinforced concrete formed 1 side	CU.YD.	\$390.00	AM
Reinforced concrete formed 2 sides	CU.YD.	\$600.00	AM
Steel fabrication for reinforcement	LB.	\$1.00	AM
Fiberglass reinforcement	CU.YD.	\$200.00	AM
Unreinforced concrete	CU.YD.	\$150.00	AM
Critical Area			
Light shaping < 4 feet deep	AC.	\$500.00	AM
Medium shaping > 4 feet deep	AC.	\$1,000.00	AM
Earthwork			
Dugout enlargement with dragline	EA.	\$2,000.00	AM
Earthmoving w/dragline	CU.YD.	\$1.50	AM
Excavation	CU.YD.	\$1.10	AM
Class A Standard Equip.	CU.YD.	\$2.08	AM
Class S Standard Equip.	CU.YD.	\$1.30	AM
Class S Standard Equip.	EA.	\$1,000.00	AM
Offsite borrow for clay liner	CU.YD.	\$5.00	AM
Top dressing	SQ.YD.	\$0.45	AM
Testing (proctor, moisture, density, etc.)	EA.	\$1,500.00	AM
Earthmoving w/backhoe, rubber tire	HR	\$55.00	AM
Earthmoving w/ track backhoe or dozer	HR	\$125.00	AM
Earthmoving with grader	HR	\$85.00	AM
Waterspreading 0-2% slope .27 cu.yd./ft	L.F.	\$0.51	AM
Waterspreading 2-4% slope .34 cu.yd./ft	L.F.	\$0.87	AM
Waterspreading 4-6% slope .44 cu.yd./ft	L.F.	\$1.28	AM
Waterway, diversion, plug > 55 sq.ft.	CU.YD.	\$1.30	AM
Waterway, diversion, plug 0-14.9 sq.ft.	L.F.	\$1.00	AM
Waterway, diversion, plug 15-24.9 sq.ft.	L.F.	\$1.10	AM
Waterway, diversion, plug 25-34.9 sq.ft.	L.F.	\$1.40	AM
Waterway, diversion, plug 35-44.9 sq.ft.	L.F.	\$2.20	AM
Waterway, diversion, plug 45-54.9 sq.ft.	L.F.	\$2.70	AM
Land leveling	CU.YD.	\$1.74	AM
Landshaping	CU.YD.	\$1.00	AM
Terraces	L.F.	\$1.40	AM
Type A dugout	EA.	\$3,000.00	AM

COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Erosion blanket

Coconut fiber installed	SQ.YD	\$2.01	AM
Nylon fiber installed	SQ.YD.	\$4.86	AM
Small grain straw installed	SQ.YD.	\$2.10	AM
Wood fiber installed	SQ.YD.	\$2.50	AM
Mulching and erosion control netting	SQ.YD.	\$1.50	AM
Mulching and mechanical anchoring	AC.	\$400.00	AM

Fence

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- To keep livestock within the boundaries of a prescribed grazing system(s), range unit, allotment, grazing area, Tribal grazing unit, etc.
- Along federal, state, county, Tribal, and township roads.
- To separate cropland from rangeland or pastureland.
- Feedlot perimeter fencing. Exceptions will be considered on a case-by-case basis **ONLY** when a feedlot is being moved to an entirely new location to promote water quality improvement.

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- Control the movement of cattle within a prescribed grazing system, range unit, allotment, grazing area, Tribal grazing unit, etc., (cross fences) regardless of ownership.
- Protect other conservation practices (trees, seedings, ponds, etc.) from livestock grazing regardless of ownership provided that the livestock being excluded are from the unit under contract, and fences are not along a road as defined above.
- Lanes required to rotate cattle between pastures within a prescribed grazing system provided they are not adjacent to a road as defined above and are inside the boundary of the grazing system, range unit, allotment, grazing area, Tribal grazing unit, etc.
- To protect holding ponds, debris basins, or other required structures of an animal waste management system.

1-Wire electric	L.F.	\$0.33	AM
2-Wire electric	L.F.	\$0.37	AM
3-Wire electric	L.F.	\$0.42	AM
4-Wire electric	L.F.	\$0.47	AM
5-Wire electric	L.F.	\$0.52	AM

Portable fence for intensive grazing mgt.	L.F.	\$0.12	AM
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Single wire portable poly-wire fence. Eligible cost-share determined by the circumference of the largest temporary paddock (if temporary fencing surrounds paddock) or by the longest single reach required multiplied by two (if temporary fencing occurs on only two sides of a paddock).

Electric fence energizers	EA.	\$500.00	AM
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Includes ground rods(s), lightning arrestors and appurtenances. Must meet SD Standard 382-Fence. Limit of one per contract.

26" Woven wire w/2 barbed wires	L.F.	\$0.82	AM
32" Woven wire w/1 barbed wire	L.F.	\$1.03	AM
48" Woven wire w/2 barbed wire	L.F.	\$1.23	AM
3-Barbed wire	L.F.	\$0.70	AM
4-Barbed wire	L.F.	\$0.75	AM
5-Barbed wire	L.F.	\$0.80	AM
6 or more barbed wire	L.F.	\$0.85	AM
Chain link	L.F.	\$10.00	AM

Corner, direction chg. & pull post	EA.	\$91.00	AM
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Gate assembly	EA.	\$144.00	AM
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* For specialty fences only; ag waste, tree sites, etc. Not for use in cross fence.

Suspension fence 4-wire minimum	L.F.	\$0.49	AM
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COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Forest

Improving a stand of forest trees	AC.	\$154.00	AM
Site preparation for natural reproduction	AC.	\$150.00	AM

Grazinglands Mechanical Treatment

Contour furrow, renovation, pitting	AC.	\$12.00	AM
Deep chiseling	AC.	\$20.00	AM

Grass Seeding - 5-yr. average prices on grass seed

Alfalfa - grazing type	PLS LB	\$2.00	AM
Alfalfa - hay type	PLS LB	\$1.50	AM
Alkali sacaton	PLS LB	\$7.40	AM
Alsike or red clover	PLS LB	\$2.50	AM
American sloughgrass	PLS LB	\$25.00	AM
Big bluestem	PLS LB	\$13.80	AM
Birdsfoot trefoil	PLS LB	\$3.50	AM
Black samson	PLS LB	\$125.00	AM
Blue grama	PLS LB	\$13.60	AM
Buffalograss	PLS LB	\$10.80	AM
Canada wildrye	PLS LB	\$6.50	AM
Cicer milkvetch	PLS LB	\$3.70	AM
Creeping foxtail	PLS LB	\$6.40	AM
Crested wheatgrass	PLS LB	\$2.20	AM
Dotted gayfeather	PLS LB	\$45.00	AM
Green needlegrass	PLS LB	\$10.90	AM
Illinois bundleflower	PLS LB	\$15.00	AM
Indiangrass	PLS LB	\$15.10	AM
Intermediate wheatgrass	PLS LB	\$3.10	AM
Leadplant	PLS LB	\$105.00	AM
Little bluestem	PLS LB	\$16.20	AM
Maximilian sunflower	PLS LB	\$32.60	AM
Meadow brome	PLS LB	\$3.35	AM
Mountain brome	PLS LB	\$3.10	AM
Needleandthread	PLS LB	\$60.00	AM
Nuttall alkaligrass	PLS LB	\$6.80	AM
Native forb mixture	PLS LB	\$100.00	AM

To meet practice 643 - Restoration and Management of Rare and Declining Habitats.

Orchardgrass	PLS LB	\$0.80	AM
Plains coreopsis	PLS LB	\$19.30	AM
Prairie coneflower	PLS LB	\$21.50	AM
Prairie cordgrass	PLS LB	\$105.00	AM
Prairie dropseed	PLS LB	\$5.70	AM
Prairie sandreed	PLS LB	\$19.70	AM
Porcupinegrass	PLS LB	\$4.60	AM
Pubescent wheatgrass	PLS LB	\$3.20	AM
Purple prairieclover	PLS LB	\$35.20	AM
Reed canarygrass	PLS LB	\$3.10	AM
Russian wildrye	PLS LB	\$3.80	AM
Sainfoin	PLS LB	\$2.00	AM
Sand bluestem	PLS LB	\$18.40	AM
Sand lovegrass	PLS LB	\$13.20	AM
Sideoats grama	PLS LB	\$11.70	AM

COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Grass Seeding (Cont'd)

Slender wheatgrass	PLS LB	\$4.60	AM
Small burnet	PLS LB	\$2.40	AM
Smooth brome	PLS LB	\$1.70	AM
Switchgrass	PLS LB	\$4.50	AM
Sweetclover	PLS LB	\$1.00	AM
Tall wheatgrass	PLS LB	\$2.40	AM
Thickspike wheatgrass	PLS LB	\$4.30	AM
Timothy	PLS LB	\$1.30	AM
Western snowberry	PLS LB	\$75.00	AM
Western wheatgrass	PLS LB	\$7.60	AM
Western yarrow	PLS LB	\$11.00	AM
White prairieclover	PLS LB	\$75.00	AM
Seedbed prep. cov. crop, till. & chem.	AC.	\$40.00	FR
Seedbed prep. cover crop & tillage	AC.	\$28.00	FR
Seedbed prep. duff removal & chem.	AC.	\$38.00	AM
Seedbed preparation - chemical	AC.	\$23.00	AM
Seedbed preparation - tillage	AC.	\$13.00	FR
Seeding operation - interseeding	AC.	\$14.00	AM
Seeding operation - no-till drill	AC.	\$10.00	AM
Seeding operation - normal	AC.	\$8.00	AM
Seeding operation - special grass drill	AC.	\$14.00	AM
Seeding operation, crit. area & waterway	AC.	\$18.00	AM
Weed control - chemical	AC.	\$20.00	AM
Weed control - mechanical	AC.	\$7.00	FR

Irrigation

Pipe cost - Including installation and needed appurtenances						
Pipe Size	Alfalfa Valve	PVC Pipe	Flow Meter	PVC Vent Standpipe	Steel Dogleg W/Thrust Block	PVC Dogleg W/Thrust Block
6" dia.		\$2.75	\$640.00	\$90.00	\$416.00	\$90.00
8" dia.	\$400.00	\$3.70	\$853.33	\$120.00	\$554.67	\$120.00
10" dia.	\$460.00	\$5.00	\$1,066.67	\$150.00	\$693.33	\$150.00
12" dia.	\$565.00	\$10.00	\$1,280.00	\$180.00	\$832.00	\$180.00
15" dia.	\$600.00	\$12.00	\$1,600.00	\$225.00	\$1,040.00	\$225.00
18" dia.		\$17.35	\$1,920.00	\$270.00	\$1,248.00	\$270.00
21" dia.		\$23.25	\$2,240.00	\$315.00	\$1,456.00	\$315.00
<i>All costs reflect AM cost-share.</i>						
Air vacuum valve				EA.	\$540.00	AM
Drain				EA.	\$180.00	AM
Inlet structure				EA.	\$500.00	AM
Outlet structure				EA.	\$150.00	AM
Pressure control valve				EA.	\$560.00	AM
Pumpout				EA.	\$470.00	AM
Trash rack				EA.	\$162.50	AM

COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Lining & sealing

Bentonite	TON	\$200.00	AM
Butyl rubber	SQ.FT.	\$0.30	AM
Gleization	SQ.FT.	\$0.06	AM
Plastic membrane	SQ.FT.	\$0.40	AM
Soda ash or similar material	TON	\$238.00	AM

Obstruction removal

Obstruction removal	JOB	\$1,000.00	AM
Obstruction removal	HR	\$120.00	AM

Pipe - Principal Spillways & Drain Pipes

Pipe cost - Including installation and fittings							
Pipe Size	Steel W/Vinyl Coating	Galvanized Steel	Galvanized Steel	Aluminum Corrugated	Corrugated PE Plastic/Single Wall	Corrugated PE Lined	Plastic PVC
12" dia.	\$33.00	\$30.00	\$30.00	\$30.00	\$11.25	\$33.00	\$25.80
15" dia.	\$41.25	\$37.50	\$37.50	\$37.50	\$14.06	\$41.25	\$32.25
18" dia.	\$49.50	\$45.00	\$45.00	\$45.00	\$16.88	\$49.50	\$38.70
21" dia.	\$57.75	\$52.50	\$52.50	\$52.50	\$19.69	\$57.75	\$45.15
24" dia.	\$66.00	\$60.00	\$60.00	\$60.00	\$22.50	\$66.00	\$57.00
30" dia.	\$82.50	\$75.00	\$75.00			\$82.50	\$64.50
36" dia.	\$135.00	\$135.00	\$90.00			\$135.00	
42" dia.	\$157.50	\$157.50	\$105.00				
48" dia.	\$180.00	\$180.00	\$120.00				

*All costs reflect AM cost-share.

Butyl rubber diaphragm	EA.	\$250.00	AM
Cathodic protection - magnesium anodes	LB.	\$9.00	AM
Tile outlets 4-12" diameter	L.F.	\$5.00	AM
Tile riser	EA.	\$60.00	AM
Principal spillway riser	LF/FT Dia	\$50.00	AM
Trash screen for sediment basin drain	EA.	\$400.00	AM

Pumping Plant for Water Control

Pumping plant	EA.	\$2,000	AM
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Includes pump, power unit, pressure tank, appurtenances, and well pit. Power units may include solar panels or electric generators. The cost of installing electric or gas lines to operate the facility is not eligible for cost-share. One time cost-share, all maintenance and replacement costs are the responsibility of producer.

Permanently installed pump	Ea.	\$10,000	AM
High performance pump	Ea.	\$14,000	AM

**If the pump is an integral part of the animal waste management system. Does not include the cost of supplying or connecting electricity to the pump.*

COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Pipeline

1" Diameter galvanized steel pipe	L.F.	\$1.75	AM
1" Plastic pipe	L.F.	\$0.43	AM
1" High density PE pipe	L.F.	\$0.48	AM
1 1/4" High density PE pipe	L.F.	\$0.48	AM
1 1/4" Plastic pipe	L.F.	\$0.50	AM
1 1/2" Plastic pipe	L.F.	\$0.69	AM
2" Plastic pipe	L.F.	\$0.93	AM
2 1/2" Plastic pipe	L.F.	\$1.22	AM
3" Plastic pipe	L.F.	\$1.80	AM
4" Plastic pipe	L.F.	\$3.86	AM
6" Plastic perforated pipe	L.F.	\$1.50	AM
6" Plastic pipe	L.F.	\$2.50	AM
Hookup on community water system	EA.	\$1,934.00	AM
Installation - normal soil, per lf depth	L.F./ FT.	\$0.17	AM
Installation - fractured rock, per lf depth	L.F./ FT.	\$0.42	AM
Installation - rock, per lf depth	L.F./ FT.	\$1.30	AM
Manhole and appurtenances	EA.	\$500.00	AM
Soil to mound over pipe	CU.YD.	\$0.84	AM

Rock & gravel

Crushed rock or gravel	CU.YD.	\$40.00	AM
Drain fill materials	CU.YD.	\$70.00	AM
Filter cloth	SQ.YD.	\$2.00	AM
Rock riprap	CU.YD.	\$50.00	AM
Rockfilled wire baskets	CU.YD.	\$145.00	AM
Livestock Crossing	SQ.FT.	\$2.00	AM

Springs

Developing springs and seeps	EA.	\$3,500.00	AM
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Tank or trough

Freeze-proof, fiberglass or concrete, w/base	GAL.	\$2.50	AM
Steel rim flexible bottom, including base	GAL.	\$0.40	AM
Steel rim, fiberglass, tire or wood, w/base	GAL.	\$1.25	AM
Nose pump	EA.	\$500.00	AM

Use standard 533 - Pumping Plant for Water Control

Tile

Tile Size	Tile Removal Greater Than \$500	
	Nonperforated	Perforated To
4" dia.	\$2.00	\$1.50
5" dia.	\$2.20	\$1.50
6" dia.	\$2.75	\$1.60
8" dia.	\$3.10	\$1.70
10" dia.	\$4.50	\$1.80
12" dia.	\$6.00	\$2.00
<i>All costs reflect AM cost-share.</i>		

Tile removal < \$500	JOB	\$500.00	AM
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COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Timber structure - Including materials and labor

Timber structure	EA.	\$2,000.00	AM
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Trees

Land prep - non-tilled areas, chemical	AC.	\$38.00	AM
Land prep - non-tilled areas, mechanical	AC.	\$34.00	FR
Bare-root tree or shrub and planting	EA.	\$1.50	AM
Container grown trees, shrubs & planting	EA.	\$2.00	AM
Container grown trees, shrubs and planting	ROD	\$5.00	AM
Drip watering system for conifers	L.F.	\$0.30	AM
Fabric weed barrier	L.F.	\$0.50	AM
Renovation, sod control, chem & mech.	AC.	\$160.00	AM
Renovation-tree removal	AC.	\$1,250.00	AM
Scalp planting	ROD	\$4.00	AM
Shrubs and planting	ROD	\$3.50	AM
Trees and planting	ROD	\$3.00	AM
Trees, shrubs, and planting	ROD	\$3.00	AM

Water control

Pipe Size	Hoist/Operat ed Gate Or Hand Wheel	In-line Gate Valve	High Pressure Gate Valve	Inclined Slide Gate Valve	Small Hand Operated Lift Or Slide
8" dia.					
10" dia.					
12" dia.	\$530.00	\$720.00	\$530.00	\$100.00	
15" dia.	\$662.50	\$900.00	\$662.50	\$125.00	
18" dia.	\$795.06	\$1,080.00	\$795.00	\$150.00	
21" dia.	\$927.50	\$1,260.00	\$927.50	\$175.00	
24" dia.	\$1,060.00	\$1,440.00	\$1,060.00	\$200.00	
30" dia.	\$1,325.10	\$1,800.00		\$250.00	
36" dia.	\$1,590.00	\$2,160.00			
42" dia.	\$1,855.00				
48" dia.	\$2,120.00				

All costs reflect AM cost-share. Cost-share rate program dependent.

Gate stem, hand wheel & couplings	L.F.	\$8.50	AM
Oil filled stem	L.F.	\$12.50	AM
Parshall flume, steel w/o concrete	EA.	\$860.00	AM
Weir boxes (hardware & gauge)	EA.	\$200.00	AM

COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Waste management system

- Waste management systems are eligible for cost-share on existing or new Animal Feeding Operations (AFO).
- Only the components of the overall waste management system required for the proper collection, storage, transport, treatment, and utilization of the waste materials will be eligible for cost-share. These will include practices needed for the diversion of clean water around the system, manure settling basins, waste storage facilities, fencing for the protection of these settling and storage facilities, and permanently installed equipment or facilities needed to transport manure to holding ponds or other storage facilities.
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*Less than \$15,000	System	\$15,000	AM
*\$15,001 - \$30,000	System	\$30,000	AM
*\$30,001 - \$45,000	System	\$45,000	AM
*\$45,001 - \$60,000	System	\$60,000	AM
*\$60,000 to \$75,000	System	\$75,000	AM

*The above price range may be used for contract development when the waste management system design will be completed at a later time. **NOTE:** When the design is complete, the contract will be modified with an itemized list of cost share components to more accurately reflect construction costs. All cost share payments will be based on actual costs incurred on a component basis.

Greater than \$75,000	N/A	N/A	N/A
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Contracts on systems in excess of \$75,000 will be based on an itemized cost estimate from a completed engineering design. Components defined within this cost list will be used.

Manure Pump Pit	Ea.	\$2,200.00	AM
PVC Gutter Installation	Ea.	\$200.00	AM
PVC Gutter	LF.	\$10.00	AM
Miscellaneous	JOB	\$500.00	AM

To be used only for waste management systems. Includes signs, permanent markers, and small items not included in the cost list.

COMPONENT NAME	UNIT TYPE	UNIT COST	COST-SHARE TYPE ¹
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Wells

4" to 12" Diameter steel casing	L.F.	\$26.80	AM
Deep aquifer well, 6" or more dia. steel casing	L.F.	\$70.00	AM

Eligible for cost share if no other alternative water source is available and a useable, shallow aquifer is not present on the site. Must have prior written approval of the State Conservation Engineer. Cost-share is limited to the shallowest, useable aquifer with water quality adequate for livestock consumption. Priority will be given to wells with multiple users. Other program restrictions may apply.

4" to 5" Surface casing	L.F.	\$20.18	AM
Copper casing 1.5" in diameter	L.F.	\$12.00	AM
Copper casing 2" diameter	L.F.	\$16.50	AM
Larger than 12" diameter (ordinary well)	L.F.	\$48.00	AM
Schedule 40 - 2" to 3.5" plastic pipe	L.F.	\$11.11	AM
Schedule 40 - 4" or larger plastic pipe	L.F.	\$15.70	AM
Schedule 80 - 2" to 3.5" plastic pipe	L.F.	\$10.00	AM
Schedule 80 - 4" or larger plastic pipe	L.F.	\$15.50	AM
Schedule 120 - 2" to 3.5" plastic pipe	L.F.	\$10.00	AM
Schedule 120 - 4" or larger plastic pipe	L.F.	\$18.00	AM
Steel casing under 3" in diameter	L.F.	\$12.00	AM

Windmill	EA.	\$ 5,000.00	AM
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New or factory refurbished windmills installed to manufacturers guidelines on new wells only. One time cost-share, all maintenance and replacement costs are the responsibility of producer. Standard 533 - Pumping Plant for Water Control.

Well plugging - Shallow aquifer	JOB	\$300.00	AM
Well plugging - Artesian	JOB	\$900.00	AM

Wetland Restoration

Earthmoving for wetland restoration	CU.YD.	\$2.18	AM
Ditch plug	EA.	\$250.00	AM
Contractor mobilization	EA.	\$200.00	AM

One time contractor set up charge per operator.

Seeding operation - Hand plugs	EA.	\$0.20	AM
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¹ COST-SHARE TYPES:

- AM** - Actual cost not to exceed a specified maximum
- FR** - Flat rate
- AC** - Average cost
- AA** - Actual cost on to exceed average cost