

Code	Practice	Component	Units	Unit Cost
102	Comprehensive Nutrient Management Plan	Planning Dairy Greater than 300 AU, less than 700 AU with Land	No	\$7,220.18
102	Comprehensive Nutrient Management Plan	HU-Planning Dairy Greater than 300 AU, less than 700 AU with Land	No	\$8,664.21
102	Comprehensive Nutrient Management Plan	Planning Dairy Less than 300 AU with Land	No	\$6,097.96
102	Comprehensive Nutrient Management Plan	HU-Planning Dairy Less than 300 AU with Land	No	\$7,317.55
102	Comprehensive Nutrient Management Plan	Planning Livestock Greater than 300 AU, less than 700 AU with Land	No	\$6,741.59
102	Comprehensive Nutrient Management Plan	HU-Planning Livestock Greater than 300 AU, less than 700 AU with Land	No	\$8,089.91
102	Comprehensive Nutrient Management Plan	Planning Livestock Greater than 300 AU, No-Land	No	\$5,375.94
102	Comprehensive Nutrient Management Plan	HU-Planning Livestock Greater than 300 AU, No-Land	No	\$6,451.13
102	Comprehensive Nutrient Management Plan	Planning Livestock Greater than 700 AU with Land	No	\$8,185.63
102	Comprehensive Nutrient Management Plan	HU-Planning Livestock Greater than 700 AU with Land	No	\$9,822.75
102	Comprehensive Nutrient Management Plan	Planning Livestock Less than 300 AU with Land	No	\$5,008.75
102	Comprehensive Nutrient Management Plan	HU-Planning Livestock Less than 300 AU with Land	No	\$6,010.50
102	Comprehensive Nutrient Management Plan	Planning Livestock Less than 300 AU, No-Land	No	\$3,931.91
102	Comprehensive Nutrient Management Plan	HU-Planning Livestock Less than 300 AU, No-Land	No	\$4,718.29
110	Grazing Management Plan	Conservation Plan for Grazed Lands <100 acres.	No	\$1,881.77
110	Grazing Management Plan	HU-Conservation Plan for Grazed Lands <100 acres.	No	\$2,258.12
110	Grazing Management Plan	Conservation Plan for Grazed Lands >10,000 acres	No	\$4,233.98
110	Grazing Management Plan	HU-Conservation Plan for Grazed Lands >10,000 acres	No	\$5,080.77
110	Grazing Management Plan	Conservation Plan for Grazed Lands 1,501 to 5,000 acres	No	\$3,293.09
110	Grazing Management Plan	HU-Conservation Plan for Grazed Lands 1,501 to 5,000 acres	No	\$3,951.71
110	Grazing Management Plan	Conservation Plan for Grazed Lands 101 to 500 acres	No	\$2,352.21
110	Grazing Management Plan	HU-Conservation Plan for Grazed Lands 101 to 500 acres	No	\$2,822.65
110	Grazing Management Plan	Conservation Plan for Grazed Lands 5,001 to 10,000 acres	No	\$3,763.53
110	Grazing Management Plan	HU-Conservation Plan for Grazed Lands 5,001 to 10,000 acres	No	\$4,516.24
110	Grazing Management Plan	Conservation Plan for Grazed Lands 501 to 1,500 acres	No	\$2,822.65

Code	Practice	Component	Units	Unit Cost
110	Grazing Management Plan	HU-Conservation Plan for Grazed Lands 501 to 1,500 acres	No	\$3,387.18
159	Grazing Management Design	Design and Implementation Activities for Grazed Lands <100 acres	No	\$1,254.51
159	Grazing Management Design	HU-Design and Implementation Activities for Grazed Lands <100 acres	No	\$1,505.41
159	Grazing Management Design	Design and Implementation Activities for Grazed Lands >10,000 acres	No	\$2,822.65
159	Grazing Management Design	HU-Design and Implementation Activities for Grazed Lands >10,000 acres	No	\$3,387.18
159	Grazing Management Design	Design and Implementation Activities for Grazed Lands 1,501 to 5,000 acres	No	\$2,195.39
159	Grazing Management Design	HU-Design and Implementation Activities for Grazed Lands 1,501 to 5,000 acres	No	\$2,634.47
159	Grazing Management Design	Design and Implementation Activities for Grazed Lands 101 to 500 acres	No	\$1,568.14
159	Grazing Management Design	HU-Design and Implementation Activities for Grazed Lands 101 to 500 acres	No	\$1,881.77
159	Grazing Management Design	Design and Implementation Activities for Grazed Lands 5,001 to 10,000 acres	No	\$2,509.02
159	Grazing Management Design	HU-Design and Implementation Activities for Grazed Lands 5,001 to 10,000 acres	No	\$3,010.83
159	Grazing Management Design	Design and Implementation Activities for Grazed Lands 501 to 1,500 acres	No	\$1,881.77
159	Grazing Management Design	HU-Design and Implementation Activities for Grazed Lands 501 to 1,500 acres	No	\$2,258.12
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	Data Collect Tile Year 1-QAPP	No	\$51,460.85
201	Edge-of-Field Water Quality Monitoring-Data Collection and Evaluation	HU-Data Collect Tile Year 1-QAPP	No	\$61,753.02
313	Waste Storage Facility	Composted Bedded Pack, Concrete Floor, Concrete Wall	SqFt	\$10.26
313	Waste Storage Facility	HU-Composted Bedded Pack, Concrete Floor, Concrete Wall	SqFt	\$12.31
313	Waste Storage Facility	Composted Bedded Pack, Earthen Floor, Concrete Wall	SqFt	\$5.31
313	Waste Storage Facility	HU-Composted Bedded Pack, Earthen Floor, Concrete Wall	SqFt	\$6.38
313	Waste Storage Facility	Concrete, Rectangular, with Roof	Cu-Ft	\$3.75
313	Waste Storage Facility	HU-Concrete, Rectangular, with Roof	Cu-Ft	\$4.50
313	Waste Storage Facility	Concrete, Rectangular, Without Roof up to 35K ft3 Storage	Cu-Ft	\$3.26
313	Waste Storage Facility	HU-Concrete, Rectangular, Without Roof up to 35K ft3 Storage	Cu-Ft	\$3.92
313	Waste Storage Facility	Dry Stack, <2K Concrete Fl walls	SqFt	\$18.91
313	Waste Storage Facility	HU-Dry Stack, <2K Concrete Fl walls	SqFt	\$22.69

Code	Practice	Component	Units	Unit Cost
313	Waste Storage Facility	Dry Stack, 2K> Concrete FI wall	SqFt	\$13.47
313	Waste Storage Facility	HU-Dry Stack, 2K> Concrete FI wall	SqFt	\$16.16
313	Waste Storage Facility	Dry Stack, concrete floor, no wall	SqFt	\$7.19
313	Waste Storage Facility	HU-Dry Stack, concrete floor, no wall	SqFt	\$8.63
313	Waste Storage Facility	Dry Stack, concrete floor, wood wall	SqFt	\$10.01
313	Waste Storage Facility	HU-Dry Stack, concrete floor, wood wall	SqFt	\$12.01
313	Waste Storage Facility	Dry Stack, earthen floor, concrete wall	SqFt	\$9.61
313	Waste Storage Facility	HU-Dry Stack, earthen floor, concrete wall	SqFt	\$11.53
313	Waste Storage Facility	Dry stack, earthen floor, wood wall	SqFt	\$4.40
313	Waste Storage Facility	HU-Dry stack, earthen floor, wood wall	SqFt	\$5.28
313	Waste Storage Facility	Earthen Storage Facility < 50K cuft Storage	Cu-Ft	\$0.35
313	Waste Storage Facility	HU-Earthen Storage Facility < 50K cuft Storage	Cu-Ft	\$0.46
313	Waste Storage Facility	Earthen Storage Facility 50K to 200k cuft Storage	Cu-Ft	\$0.25
313	Waste Storage Facility	HU-Earthen Storage Facility 50K to 200k cuft Storage	Cu-Ft	\$0.29
313	Waste Storage Facility	Earthen Storage Facility >200K cuft Storage	Cu-Ft	\$0.18
313	Waste Storage Facility	HU-Earthen Storage Facility >200K cuft Storage	Cu-Ft	\$0.21
313	Waste Storage Facility	Earthen Storage Facility High Water Table	Cu-Ft	\$0.74
313	Waste Storage Facility	HU-Earthen Storage Facility High Water Table	Cu-Ft	\$0.89
313	Waste Storage Facility	Tank, 40K<55K CF	Cu-Ft	\$2.29
313	Waste Storage Facility	HU-Tank, 40K<55K CF	Cu-Ft	\$2.74
313	Waste Storage Facility	Tank, <5K	Cu-Ft	\$7.50
313	Waste Storage Facility	HU-Tank, <5K	Cu-Ft	\$9.00
313	Waste Storage Facility	Tank, >85K CF	Cu-Ft	\$1.54
313	Waste Storage Facility	HU-Tank, >85K CF	Cu-Ft	\$1.84
313	Waste Storage Facility	Tank, 15K<25K CF	Cu-Ft	\$3.10
313	Waste Storage Facility	HU-Tank, 15K<25K CF	Cu-Ft	\$3.72
313	Waste Storage Facility	Tank, 25K<40K CF	Cu-Ft	\$2.64

Code	Practice	Component	Units	Unit Cost
313	Waste Storage Facility	HU-Tank, 25K<40K CF	Cu-Ft	\$3.16
313	Waste Storage Facility	Tank, 55K<70K CF	Cu-Ft	\$2.05
313	Waste Storage Facility	HU-Tank, 55K<70K CF	Cu-Ft	\$2.46
313	Waste Storage Facility	Tank, 5K<15K	Cu-Ft	\$3.54
313	Waste Storage Facility	HU-Tank, 5K<15K	Cu-Ft	\$4.25
313	Waste Storage Facility	Tank, 70K<85K CF	Cu-Ft	\$1.80
313	Waste Storage Facility	HU-Tank, 70K<85K CF	Cu-Ft	\$2.16
313	Waste Storage Facility	Tank, Above Ground < 25K cuft storage	Cu-Ft	\$7.54
313	Waste Storage Facility	HU-Tank, Above Ground < 25K cuft storage	Cu-Ft	\$9.05
313	Waste Storage Facility	Tank, Above Ground >100K up to 200K cuft storage	Cu-Ft	\$2.45
313	Waste Storage Facility	HU-Tank, Above Ground >100K up to 200K cuft storage	Cu-Ft	\$2.95
313	Waste Storage Facility	Tank, Above Ground >200K cuft storage	Cu-Ft	\$2.36
313	Waste Storage Facility	HU-Tank, Above Ground >200K cuft storage	Cu-Ft	\$2.84
313	Waste Storage Facility	Tank, Above Ground 25K up to 100K cuft storage	Cu-Ft	\$3.25
313	Waste Storage Facility	HU-Tank, Above Ground 25K up to 100K cuft storage	Cu-Ft	\$3.90
316	Animal Mortality Facility	< 50 CF Incineration Chamber	Cu-Ft	\$280.48
316	Animal Mortality Facility	HU-< 50 CF Incineration Chamber	Cu-Ft	\$336.57
316	Animal Mortality Facility	>100 CF Incineration Chamber	Cu-Ft	\$121.79
316	Animal Mortality Facility	HU->100 CF Incineration Chamber	Cu-Ft	\$146.14
316	Animal Mortality Facility	50-100CF Incineration chamber	Cu-Ft	\$236.33
316	Animal Mortality Facility	HU-50-100CF Incineration chamber	Cu-Ft	\$283.59
316	Animal Mortality Facility	Forced Air Composting with mortality preprocessing - poultry/turkey Unit	SqFt	\$51.48
316	Animal Mortality Facility	HU-Forced Air Composting with mortality preprocessing - poultry/turkey Unit	SqFt	\$61.78
316	Animal Mortality Facility	Forced Air Composting with mortality preprocessing Unit for Sow-Finisher Animal Size	SqFt	\$56.30
316	Animal Mortality Facility	HU-Forced Air Composting with mortality preprocessing Unit for Sow-Finisher Animal Size	SqFt	\$67.56
316	Animal Mortality Facility	Freezer	No	\$7,088.71
316	Animal Mortality Facility	HU-Freezer	No	\$8,506.45

Code	Practice	Component	Units	Unit Cost
316	Animal Mortality Facility	Invessel Rotary Drum	Lb/Day	\$162.04
316	Animal Mortality Facility	HU-Invessel Rotary Drum	Lb/Day	\$194.45
316	Animal Mortality Facility	Invessel Rotary Drum=>700 CF	Cu-Ft	\$62.88
316	Animal Mortality Facility	HU-Invessel Rotary Drum=>700 CF	Cu-Ft	\$75.45
316	Animal Mortality Facility	Static pile, Concrete Bins	SqFt	\$15.53
316	Animal Mortality Facility	HU-Static pile, Concrete Bins	SqFt	\$18.63
316	Animal Mortality Facility	Static pile, Concrete Pad	SqFt	\$8.15
316	Animal Mortality Facility	HU-Static pile, Concrete Pad	SqFt	\$9.78
316	Animal Mortality Facility	Static Pile, Concrete with curbs	SqFt	\$8.37
316	Animal Mortality Facility	HU-Static Pile, Concrete with curbs	SqFt	\$10.04
316	Animal Mortality Facility	Static pile, Wood Bins	SqFt	\$21.12
316	Animal Mortality Facility	HU-Static pile, Wood Bins	SqFt	\$25.35
317	Composting Facility	Bins, wood or concrete walls on concrete slab	SqFt	\$17.77
317	Composting Facility	HU-Bins, wood or concrete walls on concrete slab	SqFt	\$21.32
317	Composting Facility	Composter, Windrow, compacted earth floor	SqFt	\$0.28
317	Composting Facility	HU-Composter, Windrow, compacted earth floor	SqFt	\$0.34
317	Composting Facility	Composter, Windrow, concrete pads, curbs	SqFt	\$8.04
317	Composting Facility	HU-Composter, Windrow, concrete pads, curbs	SqFt	\$9.65
317	Composting Facility	Composter, Windrow, gravel surface	SqFt	\$1.20
317	Composting Facility	HU-Composter, Windrow, gravel surface	SqFt	\$1.44
317	Composting Facility	Small Farm Bins, no pad	SqFt	\$40.75
317	Composting Facility	HU-Small Farm Bins, no pad	SqFt	\$48.90
317	Composting Facility	Small Farm Pad + Bins	SqFt	\$57.81
317	Composting Facility	HU-Small Farm Pad + Bins	SqFt	\$69.37
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	\$10.76
328	Conservation Crop Rotation	HU-Basic Rotation Organic and Non-Organic	Ac	\$12.91
328	Conservation Crop Rotation	Specialty Crop Rotations-Small Scale	kSqFt	\$28.20

Code	Practice	Component	Units	Unit Cost
328	Conservation Crop Rotation	HU-Specialty Crop Rotations-Small Scale	kSqFt	\$33.84
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	Ac	\$28.70
328	Conservation Crop Rotation	HU-Specialty Crops Organic and Non-Organic	Ac	\$34.44
340	Cover Crop	Cover Crop - 1 acre or less	Ac	\$431.45
340	Cover Crop	HU-Cover Crop - 1 acre or less	Ac	\$517.74
340	Cover Crop	Cover Crop - Adaptive Management	No	\$2,246.90
340	Cover Crop	HU-Cover Crop - Adaptive Management	No	\$2,696.29
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	\$61.92
340	Cover Crop	HU-Cover Crop - Basic (Organic and Non-organic)	Ac	\$74.30
340	Cover Crop	Cover Crop - Basic Organic	Ac	\$95.17
340	Cover Crop	HU-Cover Crop - Basic Organic	Ac	\$114.20
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	Ac	\$77.34
340	Cover Crop	HU-Cover Crop - Multiple Species (Organic and Non-organic)	Ac	\$92.81
340	Cover Crop	Mechanical Termination of Cover Crop per 1000 square feet	kSqFt	\$23.04
340	Cover Crop	HU-Mechanical Termination of Cover Crop per 1000 square feet	kSqFt	\$27.65
340	Cover Crop	Multi-species Cover Crop per 1000 square feet	kSqFt	\$50.06
340	Cover Crop	HU-Multi-species Cover Crop per 1000 square feet	kSqFt	\$60.08
342	Critical Area Planting	Hydroseed	Ac	\$1,867.32
342	Critical Area Planting	HU-Hydroseed	Ac	\$2,240.79
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	\$1,077.48
342	Critical Area Planting	HU-Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	\$1,292.98
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	\$768.59
342	Critical Area Planting	HU-Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	\$922.31
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$378.00
342	Critical Area Planting	HU-Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$453.60
342	Critical Area Planting	Permanent Cover	kSqFt	\$16.32
342	Critical Area Planting	HU-Permanent Cover	kSqFt	\$19.58

<b>Code</b>	<b>Practice</b>	<b>Component</b>	<b>Units</b>	<b>Unit Cost</b>
360	Waste Facility Closure	Demolition of Concrete Waste Storage Structure	Cu-Ft	\$3.38
360	Waste Facility Closure	HU-Demolition of Concrete Waste Storage Structure	Cu-Ft	\$4.06
360	Waste Facility Closure	Feedlot Closure	Cu-Ft	\$0.28
360	Waste Facility Closure	HU-Feedlot Closure	Cu-Ft	\$0.33
360	Waste Facility Closure	Liquid Waste Impoundment Closure with 0% Liquids and 100% Solids	Cu-Ft	\$0.32
360	Waste Facility Closure	HU-Liquid Waste Impoundment Closure with 0% Liquids and 100% Solids	Cu-Ft	\$0.39
360	Waste Facility Closure	Liquid Waste Impoundment Closure with 25% Liquids and 75% Solids	Cu-Ft	\$0.30
360	Waste Facility Closure	HU-Liquid Waste Impoundment Closure with 25% Liquids and 75% Solids	Cu-Ft	\$0.37
360	Waste Facility Closure	Liquid Waste Impoundment Closure with 50% Liquids and 50% Solids	Cu-Ft	\$0.28
360	Waste Facility Closure	HU-Liquid Waste Impoundment Closure with 50% Liquids and 50% Solids	Cu-Ft	\$0.33
360	Waste Facility Closure	Liquid Waste Impoundment Closure with 75% Liquids and 25% Solids	Cu-Ft	\$0.25
360	Waste Facility Closure	HU-Liquid Waste Impoundment Closure with 75% Liquids and 25% Solids	Cu-Ft	\$0.30
360	Waste Facility Closure	Liquid Waste Impoundment Conversion to Fresh Water Storage with 0% Liquids and 100% Solids	Cu-Ft	\$0.28
360	Waste Facility Closure	HU-Liquid Waste Impoundment Conversion to Fresh Water Storage with 0% Liquids and 100% Solids	Cu-Ft	\$0.33
360	Waste Facility Closure	Liquid Waste Impoundment Conversion to Fresh Water Storage with 25% Liquids and 75% Solids	Cu-Ft	\$0.26
360	Waste Facility Closure	HU-Liquid Waste Impoundment Conversion to Fresh Water Storage with 25% Liquids and 75% Solids	Cu-Ft	\$0.31
360	Waste Facility Closure	Liquid Waste Impoundment Conversion to Fresh Water Storage with 50% Liquids and 50% Solids	Cu-Ft	\$0.23
360	Waste Facility Closure	HU-Liquid Waste Impoundment Conversion to Fresh Water Storage with 50% Liquids and 50% Solids	Cu-Ft	\$0.28
360	Waste Facility Closure	Liquid Waste Impoundment Conversion to Fresh Water Storage with 75% Liquids and 25% Solids	Cu-Ft	\$0.20
360	Waste Facility Closure	HU-Liquid Waste Impoundment Conversion to Fresh Water Storage with 75% Liquids and 25% Solids	Cu-Ft	\$0.25
360	Waste Facility Closure	Poultry House Soil Remediation	Cu-Ft	\$0.90



<b>Code</b>	<b>Practice</b>	<b>Component</b>	<b>Units</b>	<b>Unit Cost</b>
360	Waste Facility Closure	HU-Poultry House Soil Remediation	Cu-Ft	\$1.08
362	Diversion	Concrete Curb	Ft	\$31.20
362	Diversion	HU-Concrete Curb	Ft	\$37.44
362	Diversion	Diversion	Ft	\$2.49
362	Diversion	HU-Diversion	Ft	\$2.99
362	Diversion	Diversion, large, greater than 300 feet	Ft	\$3.93
362	Diversion	HU-Diversion, large, greater than 300 feet	Ft	\$4.67
362	Diversion	Diversion, Rebuild	Ft	\$2.91
362	Diversion	HU-Diversion, Rebuild	Ft	\$3.50
362	Diversion	Diversion, small, less than or equal to 300 feet	Ft	\$6.72
362	Diversion	HU-Diversion, small, less than or equal to 300 feet	Ft	\$8.03
367	Roofs and Covers	Flexible Membrane Cover, 20,001 to 80,000 SF pond surface area	SqFt	\$9.93
367	Roofs and Covers	HU-Flexible Membrane Cover, 20,001 to 80,000 SF pond surface area	SqFt	\$11.92
367	Roofs and Covers	Flexible Membrane Cover, 20000 or less SF pond surface area	SqFt	\$16.91
367	Roofs and Covers	HU-Flexible Membrane Cover, 20000 or less SF pond surface area	SqFt	\$20.29
367	Roofs and Covers	Flexible Membrane Cover, 80001 or greater pond surface area	SqFt	\$8.12
367	Roofs and Covers	HU-Flexible Membrane Cover, 80001 or greater pond surface area	SqFt	\$9.75
367	Roofs and Covers	Flexible Roof	SqFt	\$8.17
367	Roofs and Covers	HU-Flexible Roof	SqFt	\$9.80
367	Roofs and Covers	Flexible Roof, complex foundation	SqFt	\$9.14
367	Roofs and Covers	HU-Flexible Roof, complex foundation	SqFt	\$10.97
367	Roofs and Covers	Steel Frame with Roof	SqFt	\$12.74
367	Roofs and Covers	HU-Steel Frame with Roof	SqFt	\$15.29
367	Roofs and Covers	Timber Frame Roof	SqFt	\$11.13
367	Roofs and Covers	HU-Timber Frame Roof	SqFt	\$13.36
367	Roofs and Covers	Timber Frame Roof, Complex found, Heavy Snow/High wind	SqFt	\$13.82
367	Roofs and Covers	HU-Timber Frame Roof, Complex found, Heavy Snow/High wind	SqFt	\$16.58



Code	Practice	Component	Units	Unit Cost
367	Roofs and Covers	Timber Frame Roof, complex foundation	SqFt	\$11.64
367	Roofs and Covers	HU-Timber Frame Roof, complex foundation	SqFt	\$13.96
367	Roofs and Covers	Timber Frame Roof, Heavy Snow/High Wind	SqFt	\$13.31
367	Roofs and Covers	HU-Timber Frame Roof, Heavy Snow/High Wind	SqFt	\$15.98
367	Roofs and Covers	Timber Frame Roof, over small bins	SqFt	\$13.83
367	Roofs and Covers	HU-Timber Frame Roof, over small bins	SqFt	\$16.59
382	Fence	8 foot netted Wildlife Exclusion Fence, Wooded	Ft	\$3.19
382	Fence	HU-8 foot netted Wildlife Exclusion Fence, Wooded	Ft	\$3.19
382	Fence	8 foot Wildlife Exclusion Fence	Ft	\$6.46
382	Fence	HU-8 foot Wildlife Exclusion Fence	Ft	\$6.46
382	Fence	Barbed or Smooth Wire	Ft	\$2.90
382	Fence	HU-Barbed or Smooth Wire	Ft	\$2.90
382	Fence	Chain Link	Ft	\$46.13
382	Fence	HU-Chain Link	Ft	\$46.13
382	Fence	Electric - 4 or more strands	Ft	\$3.86
382	Fence	HU-Electric - 4 or more strands	Ft	\$3.86
382	Fence	Electric 2 strand	Ft	\$2.36
382	Fence	HU-Electric 2 strand	Ft	\$2.36
382	Fence	Electric 3 strand	Ft	\$3.03
382	Fence	HU-Electric 3 strand	Ft	\$3.03
382	Fence	HU-Exclusion Fence	Ft	\$7.33
382	Fence	Exclusion Fence	Ft	\$7.33
382	Fence	Woven Wire Regional	Ft	\$4.88
382	Fence	HU-Woven Wire Regional	Ft	\$4.88
390	Riparian Herbaceous Cover	Cool Season Grasses with Forbs	Ac	\$1,086.92
390	Riparian Herbaceous Cover	HU-Cool Season Grasses with Forbs	Ac	\$1,086.92
390	Riparian Herbaceous Cover	HU-Native Seeding, Cropland	Ac	\$1,653.79

Code	Practice	Component	Units	Unit Cost
390	Riparian Herbaceous Cover	Native Seeding, Cropland	Ac	\$1,653.79
390	Riparian Herbaceous Cover	HU-Pollinator Habitat	Ac	\$1,349.42
390	Riparian Herbaceous Cover	Pollinator Habitat	Ac	\$1,349.42
391	Riparian Forest Buffer	Bareroot, hand planted with tube	Ac	\$5,402.45
391	Riparian Forest Buffer	HU-Bareroot, hand planted with tube	Ac	\$5,402.45
391	Riparian Forest Buffer	Large container, hand planted	Ac	\$7,810.46
391	Riparian Forest Buffer	HU-Large container, hand planted	Ac	\$7,810.46
391	Riparian Forest Buffer	HU-Small container, hand planted	Ac	\$5,900.92
391	Riparian Forest Buffer	Small container, hand planted	Ac	\$5,900.92
410	Grade Stabilization Structure	Check Dams	Ton	\$82.66
410	Grade Stabilization Structure	HU-Check Dams	Ton	\$99.19
410	Grade Stabilization Structure	Embankment, Pipe <= 6 inch	CuYd	\$4.50
410	Grade Stabilization Structure	HU-Embankment, Pipe <= 6 inch	CuYd	\$5.40
410	Grade Stabilization Structure	Embankment, Pipe >12 inch	CuYd	\$7.70
410	Grade Stabilization Structure	HU-Embankment, Pipe >12 inch	CuYd	\$9.24
410	Grade Stabilization Structure	Embankment, Pipe 8-12 inch	CuYd	\$5.55
410	Grade Stabilization Structure	HU-Embankment, Pipe 8-12 inch	CuYd	\$6.67
410	Grade Stabilization Structure	Embankment, Soil Treatment	CuYd	\$8.08
410	Grade Stabilization Structure	HU-Embankment, Soil Treatment	CuYd	\$9.70
410	Grade Stabilization Structure	Log Drop Structures	No	\$5,767.95
410	Grade Stabilization Structure	HU-Log Drop Structures	No	\$6,921.54
410	Grade Stabilization Structure	Pipe Drop, Plastic	SqFt	\$41.73
410	Grade Stabilization Structure	HU-Pipe Drop, Plastic	SqFt	\$50.08
410	Grade Stabilization Structure	Pipe Drop, Steel	SqFt	\$15.72
410	Grade Stabilization Structure	HU-Pipe Drop, Steel	SqFt	\$18.87
410	Grade Stabilization Structure	Rock Drop Structures	SqFt	\$83.92
410	Grade Stabilization Structure	HU-Rock Drop Structures	SqFt	\$100.70

Code	Practice	Component	Units	Unit Cost
410	Grade Stabilization Structure	SWC, Difficult site	No	\$15,126.86
410	Grade Stabilization Structure	HU-SWC, Difficult site	No	\$18,152.23
410	Grade Stabilization Structure	Weir Drop Structures	SqFt	\$116.49
410	Grade Stabilization Structure	HU-Weir Drop Structures	SqFt	\$139.78
412	Grassed Waterway	Grass Waterway with Stone Checks	Ac	\$6,589.84
412	Grassed Waterway	HU-Grass Waterway with Stone Checks	Ac	\$7,853.38
412	Grassed Waterway	Waterway, over 0.2 acres	Ac	\$4,427.12
412	Grassed Waterway	HU-Waterway, over 0.2 acres	Ac	\$5,258.12
412	Grassed Waterway	Waterway, small, 0.2 Acres or less	SqFt	\$0.20
412	Grassed Waterway	HU-Waterway, small, 0.2 Acres or less	SqFt	\$0.24
412	Grassed Waterway	With Checks	Ac	\$3,013.08
412	Grassed Waterway	HU-With Checks	Ac	\$3,615.69
468	Lined Waterway or Outlet	Concrete	SqFt	\$7.86
468	Lined Waterway or Outlet	HU-Concrete	SqFt	\$9.43
468	Lined Waterway or Outlet	Concrete Block	SqFt	\$5.52
468	Lined Waterway or Outlet	HU-Concrete Block	SqFt	\$6.63
468	Lined Waterway or Outlet	Grassed waterway with stone center	SqFt	\$4.74
468	Lined Waterway or Outlet	HU-Grassed waterway with stone center	SqFt	\$5.69
468	Lined Waterway or Outlet	Rock Lined - 12 inch	SqFt	\$5.56
468	Lined Waterway or Outlet	HU-Rock Lined - 12 inch	SqFt	\$6.67
468	Lined Waterway or Outlet	Rock Lined - 24 inch	SqFt	\$9.08
468	Lined Waterway or Outlet	HU-Rock Lined - 24 inch	SqFt	\$10.90
468	Lined Waterway or Outlet	Turf Reinforced Matting	SqFt	\$1.23
468	Lined Waterway or Outlet	HU-Turf Reinforced Matting	SqFt	\$1.47
472	Access Control	Trails/Roads Access Control	No	\$648.97
472	Access Control	HU-Trails/Roads Access Control	No	\$778.76
484	Mulching	Erosion Control Blanket	SqFt	\$0.16

Code	Practice	Component	Units	Unit Cost
484	Mulching	HU-Erosion Control Blanket	SqFt	\$0.20
484	Mulching	Natural Material - Full Coverage	Ac	\$493.45
484	Mulching	HU-Natural Material - Full Coverage	Ac	\$592.14
484	Mulching	Synthetic Material	Ac	\$2,057.08
484	Mulching	HU-Synthetic Material	Ac	\$2,468.50
484	Mulching	Tree and Shrub	No	\$0.85
484	Mulching	HU-Tree and Shrub	No	\$1.02
484	Mulching	Wood Chips	SqFt	\$0.43
484	Mulching	HU-Wood Chips	SqFt	\$0.52
500	Obstruction Removal	Brush and Tree Removal with Hand Tools	Ac	\$829.85
500	Obstruction Removal	HU-Brush and Tree Removal with Hand Tools	Ac	\$995.83
500	Obstruction Removal	Removal + Disposal of Steel or Concrete Structures < 25 feet high	SqFt	\$4.84
500	Obstruction Removal	HU-Removal + Disposal of Steel or Concrete Structures < 25 feet high	SqFt	\$5.80
500	Obstruction Removal	Removal + Disposal of Steel or Concrete Structures >= 25 feet high	SqFt	\$12.54
500	Obstruction Removal	HU-Removal + Disposal of Steel or Concrete Structures >= 25 feet high	SqFt	\$15.04
500	Obstruction Removal	Removal and Disposal of Brush and Trees < 6 inch Diameter Regional	Ac	\$1,127.25
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees < 6 inch Diameter Regional	Ac	\$1,352.70
500	Obstruction Removal	Removal and Disposal of Brush and Trees > 6 inch Diameter Regional	Ac	\$1,842.31
500	Obstruction Removal	HU-Removal and Disposal of Brush and Trees > 6 inch Diameter Regional	Ac	\$2,210.77
500	Obstruction Removal	Removal and Disposal of Fence Regional	Ft	\$1.08
500	Obstruction Removal	HU-Removal and Disposal of Fence Regional	Ft	\$1.30
500	Obstruction Removal	Removal and disposal of heavy scattered debris	SqFt	\$1.13
500	Obstruction Removal	HU-Removal and disposal of heavy scattered debris	SqFt	\$1.36
500	Obstruction Removal	Removal and disposal of light sand and flood sediment > 30 inches	Ac	\$3,635.01
500	Obstruction Removal	HU-Removal and disposal of light sand and flood sediment > 30 inches	Ac	\$4,362.01
500	Obstruction Removal	Removal and disposal of light sand and flood sediment 12-30 inches	Ac	\$2,533.86
500	Obstruction Removal	HU-Removal and disposal of light sand and flood sediment 12-30 inches	Ac	\$3,040.63

Code	Practice	Component	Units	Unit Cost
500	Obstruction Removal	Removal and disposal of light scattered debris	Ac	\$394.36
500	Obstruction Removal	HU-Removal and disposal of light scattered debris	Ac	\$473.24
500	Obstruction Removal	Removal and Disposal of Rock and or Boulders	CuYd	\$117.26
500	Obstruction Removal	HU-Removal and Disposal of Rock and or Boulders	CuYd	\$140.71
500	Obstruction Removal	Removal and Disposal of Wood Structures	SqFt	\$6.29
500	Obstruction Removal	HU-Removal and Disposal of Wood Structures	SqFt	\$7.55
500	Obstruction Removal	Removal and Disposal of Wood Structures Regional	SqFt	\$0.83
500	Obstruction Removal	HU-Removal and Disposal of Wood Structures Regional	SqFt	\$1.00
500	Obstruction Removal	Rock blasting and disposal	CuYd	\$31.65
500	Obstruction Removal	HU-Rock blasting and disposal	CuYd	\$37.98
500	Obstruction Removal	Rock, Mechanical Destruction	CuYd	\$54.48
500	Obstruction Removal	HU-Rock, Mechanical Destruction	CuYd	\$65.37
512	Pasture and Hay Planting	Introduced Cool Season Grass Mix	Ac	\$338.30
512	Pasture and Hay Planting	HU-Introduced Cool Season Grass Mix	Ac	\$405.97
512	Pasture and Hay Planting	Native Perennial Grasses (1 species)	Ac	\$378.51
512	Pasture and Hay Planting	HU-Native Perennial Grasses (1 species)	Ac	\$454.21
512	Pasture and Hay Planting	Overseeding with Nutrient Application	Ac	\$290.36
512	Pasture and Hay Planting	HU-Overseeding with Nutrient Application	Ac	\$348.43
512	Pasture and Hay Planting	Overseeding, no inputs	Ac	\$62.36
512	Pasture and Hay Planting	HU-Overseeding, no inputs	Ac	\$74.83
512	Pasture and Hay Planting	Sprigging	Ac	\$411.90
512	Pasture and Hay Planting	HU-Sprigging	Ac	\$494.27
516	Livestock Pipeline	2 inches or less buried by LF	Ft	\$3.31
516	Livestock Pipeline	HU-2 inches or less buried by LF	Ft	\$3.98
516	Livestock Pipeline	2 inches or less on surface by LF	Ft	\$1.40
516	Livestock Pipeline	HU-2 inches or less on surface by LF	Ft	\$1.67
516	Livestock Pipeline	Boring, Pipeline, All sizes	Ft	\$115.55

Code	Practice	Component	Units	Unit Cost
516	Livestock Pipeline	HU-Boring, Pipeline, All sizes	Ft	\$138.66
516	Livestock Pipeline	Over 2 inches, buried by LF	Ft	\$7.01
516	Livestock Pipeline	HU-Over 2 inches, buried by LF	Ft	\$8.41
516	Livestock Pipeline	Rural Water Connection Equipment	No	\$4,439.37
516	Livestock Pipeline	HU-Rural Water Connection Equipment	No	\$5,327.25
528	Prescribed Grazing	Habitat Mgt. Standard	Ac	\$16.01
528	Prescribed Grazing	HU-Habitat Mgt. Standard	Ac	\$19.21
528	Prescribed Grazing	Pasture Deferment of Interrupted Harvest	Ac	\$34.91
528	Prescribed Grazing	HU-Pasture Deferment of Interrupted Harvest	Ac	\$35.91
528	Prescribed Grazing	Pasture Intensive - Paddock Residency less than 3 days	Ac	\$53.51
528	Prescribed Grazing	HU-Pasture Intensive - Paddock Residency less than 3 days	Ac	\$64.21
528	Prescribed Grazing	Pasture Standard, Paddock Residency 3 or more days	Ac	\$28.90
528	Prescribed Grazing	HU-Pasture Standard, Paddock Residency 3 or more days	Ac	\$34.68
528	Prescribed Grazing	Prescribed Grazing Management for 5 Acres or less	Ac	\$182.49
528	Prescribed Grazing	HU-Prescribed Grazing Management for 5 Acres or less	Ac	\$218.99
533	Pumping Plant	<50gpm Irrg PTO pump	No	\$814.37
533	Pumping Plant	HU-<50gpm Irrg PTO pump	No	\$977.24
533	Pumping Plant	>500 gpm PTO Pump	No	\$5,715.03
533	Pumping Plant	HU->500 gpm PTO Pump	No	\$6,858.03
533	Pumping Plant	1 hp pump or Siphon or Flout	No	\$1,727.89
533	Pumping Plant	HU-1 hp pump or Siphon or Flout	No	\$2,073.47
533	Pumping Plant	50 to 500 gpm PTO Pump	No	\$3,386.13
533	Pumping Plant	HU-50 to 500 gpm PTO Pump	No	\$4,063.36
533	Pumping Plant	Electric or Ram Manure Pump	No	\$13,043.74
533	Pumping Plant	HU-Electric or Ram Manure Pump	No	\$15,652.48
533	Pumping Plant	Electric Powered Pump 10 to 40 HP	No	\$11,524.96
533	Pumping Plant	HU-Electric Powered Pump 10 to 40 HP	No	\$13,829.95

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Electric Powered Pump 3 Hp or less	No	\$2,256.64
533	Pumping Plant	HU-Electric Powered Pump 3 Hp or less	No	\$2,707.96
533	Pumping Plant	Electric Powered Pump 3 HP or less with Pressure Tank	No	\$2,949.67
533	Pumping Plant	HU-Electric Powered Pump 3 HP or less with Pressure Tank	No	\$3,539.60
533	Pumping Plant	Electric Powered Pump 3 Hp or less with pressure tank and pump housing	No	\$8,550.44
533	Pumping Plant	HU-Electric Powered Pump 3 Hp or less with pressure tank and pump housing	No	\$10,260.53
533	Pumping Plant	Electric Powered Pump 3 to 10 HP	No	\$5,023.89
533	Pumping Plant	HU-Electric Powered Pump 3 to 10 HP	No	\$6,028.67
533	Pumping Plant	Electric Powered Pump 40 to 60 HP	No	\$18,875.03
533	Pumping Plant	HU-Electric Powered Pump 40 to 60 HP	No	\$22,650.03
533	Pumping Plant	Electric Powered Pump over 60 HP	No	\$25,647.38
533	Pumping Plant	HU-Electric Powered Pump over 60 HP	No	\$30,776.85
533	Pumping Plant	Electric-Powered Pump <= 5 Hp	BHP	\$1,134.78
533	Pumping Plant	HU-Electric-Powered Pump <= 5 Hp	BHP	\$1,361.73
533	Pumping Plant	Electric-Powered Pump <= 5 HP with Pressure Tank	BHP	\$2,379.36
533	Pumping Plant	HU-Electric-Powered Pump <= 5 HP with Pressure Tank	BHP	\$2,855.23
533	Pumping Plant	Electric-Powered Pump >30 hp <=75	BHP	\$542.33
533	Pumping Plant	HU-Electric-Powered Pump >30 hp <=75	BHP	\$650.79
533	Pumping Plant	Electric-Powered Pump >5 HP<=30 hp	BHP	\$689.54
533	Pumping Plant	HU-Electric-Powered Pump >5 HP<=30 hp	BHP	\$827.45
533	Pumping Plant	Electric-Powered Pump >75	BHP	\$324.38
533	Pumping Plant	HU-Electric-Powered Pump >75	BHP	\$389.26
533	Pumping Plant	Internal Combustion Powered Pump 40 to 75 HP	No	\$37,849.45
533	Pumping Plant	HU-Internal Combustion Powered Pump 40 to 75 HP	No	\$45,419.34
533	Pumping Plant	Internal Combustion Powered Pump 7.5 to 39 HP	No	\$9,200.27
533	Pumping Plant	HU-Internal Combustion Powered Pump 7.5 to 39 HP	No	\$11,040.33
533	Pumping Plant	Internal Combustion Powered Pump 7.5HP or less	No	\$3,049.79



Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	HU-Internal Combustion Powered Pump 7.5HP or less	No	\$3,659.75
533	Pumping Plant	Internal Combustion Powered Pump over 75 HP	No	\$52,787.27
533	Pumping Plant	HU-Internal Combustion Powered Pump over 75 HP	No	\$63,344.72
533	Pumping Plant	Internal Combustion-Powered Pump <= 50HP	BHP	\$664.99
533	Pumping Plant	HU-Internal Combustion-Powered Pump <= 50HP	BHP	\$797.99
533	Pumping Plant	Internal Combustion-Powered Pump > 50 to 70 HP	BHP	\$557.54
533	Pumping Plant	HU-Internal Combustion-Powered Pump > 50 to 70 HP	BHP	\$669.04
533	Pumping Plant	Internal Combustion-Powered Pump > 70 HP	BHP	\$527.87
533	Pumping Plant	HU-Internal Combustion-Powered Pump > 70 HP	BHP	\$633.45
533	Pumping Plant	Large piston Manure Pump	No	\$39,375.31
533	Pumping Plant	HU-Large piston Manure Pump	No	\$47,250.38
533	Pumping Plant	Livestock Nose Pump	No	\$1,125.46
533	Pumping Plant	HU-Livestock Nose Pump	No	\$1,350.56
533	Pumping Plant	Photovoltaic Powered Pump	No	\$6,094.33
533	Pumping Plant	HU-Photovoltaic Powered Pump	No	\$7,313.19
533	Pumping Plant	Photovoltaic-Powered Pump, <4 kW	Kw	\$7,863.93
533	Pumping Plant	HU-Photovoltaic-Powered Pump, <4 kW	Kw	\$9,436.72
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	BHP	\$126.25
533	Pumping Plant	HU-Tractor Power Take Off (PTO) Pump	BHP	\$151.50
533	Pumping Plant	Turbine Pump	No	\$14,432.99
533	Pumping Plant	HU-Turbine Pump	No	\$17,319.59
533	Pumping Plant	Water Ram Pump	No	\$1,695.11
533	Pumping Plant	HU-Water Ram Pump	No	\$2,034.14
533	Pumping Plant	Windmill Powered Pump	No	\$10,288.52
533	Pumping Plant	HU-Windmill Powered Pump	No	\$12,346.22
533	Pumping Plant	Windmill-Powered Pump	Ft	\$1,028.85
533	Pumping Plant	HU-Windmill-Powered Pump	Ft	\$1,234.62

Code	Practice	Component	Units	Unit Cost
558	Roof Runoff Structure	Concrete Curb	Ft	\$21.48
558	Roof Runoff Structure	HU-Concrete Curb	Ft	\$25.78
558	Roof Runoff Structure	High Tunnel Roof Runoff Trench Drain and Storage	Lnft	\$43.36
558	Roof Runoff Structure	HU-High Tunnel Roof Runoff Trench Drain and Storage	Lnft	\$52.03
558	Roof Runoff Structure	Roof Gutter	Ft	\$8.83
558	Roof Runoff Structure	HU-Roof Gutter	Ft	\$10.59
558	Roof Runoff Structure	Roof Gutter with Fascia	Ft	\$15.12
558	Roof Runoff Structure	HU-Roof Gutter with Fascia	Ft	\$18.15
558	Roof Runoff Structure	Roof Gutter with Storage Tank	Gal	\$1.79
558	Roof Runoff Structure	HU-Roof Gutter with Storage Tank	Gal	\$2.15
558	Roof Runoff Structure	Roof Gutter, 6 inches wide with runoff Storage Tank	Ft	\$18.02
558	Roof Runoff Structure	HU-Roof Gutter, 6 inches wide with runoff Storage Tank	Ft	\$21.63
558	Roof Runoff Structure	Stone Infiltration Sump	No	\$1,231.10
558	Roof Runoff Structure	HU-Stone Infiltration Sump	No	\$1,477.32
558	Roof Runoff Structure	Trench Drain	Ft	\$14.66
558	Roof Runoff Structure	HU-Trench Drain	Ft	\$17.60
560	Access Road	Constructed road with Heavy Stone Base	Ft	\$27.30
560	Access Road	HU-Constructed road with Heavy Stone Base	Ft	\$32.76
560	Access Road	Constructed road with Heavy Stone Base and Geotextile	Ft	\$30.14
560	Access Road	HU-Constructed road with Heavy Stone Base and Geotextile	Ft	\$36.17
560	Access Road	Rehabilitation of Existing Road or site with solid base	Ft	\$16.99
560	Access Road	HU-Rehabilitation of Existing Road or site with solid base	Ft	\$20.38
561	Heavy Use Area Protection	Concrete slab with curb on steep site	SqFt	\$12.84
561	Heavy Use Area Protection	HU-Concrete slab with curb on steep site	SqFt	\$15.41
561	Heavy Use Area Protection	Concrete Slab with Curb, Steep site with Retaining Wall	SqFt	\$20.57
561	Heavy Use Area Protection	HU-Concrete Slab with Curb, Steep site with Retaining Wall	SqFt	\$24.69
561	Heavy Use Area Protection	Concrete Slab with Curbs & Buckwall	SqFt	\$14.19

Code	Practice	Component	Units	Unit Cost
561	Heavy Use Area Protection	HU-Concrete Slab with Curbs & Buckwall	SqFt	\$17.03
561	Heavy Use Area Protection	Concrete Slab with Curbs, Reinforced	SqFt	\$11.22
561	Heavy Use Area Protection	HU-Concrete Slab with Curbs, Reinforced	SqFt	\$13.47
561	Heavy Use Area Protection	Concrete Slab, Fiber-reinforced with No Gravel	SqFt	\$4.73
561	Heavy Use Area Protection	HU-Concrete Slab, Fiber-reinforced with No Gravel	SqFt	\$5.68
561	Heavy Use Area Protection	Concrete Slab, reinforced with gravel foundation	SqFt	\$7.19
561	Heavy Use Area Protection	HU-Concrete Slab, reinforced with gravel foundation	SqFt	\$8.62
561	Heavy Use Area Protection	Gravel pad on geotextile with site prep	SqFt	\$2.64
561	Heavy Use Area Protection	HU-Gravel pad on geotextile with site prep	SqFt	\$3.17
561	Heavy Use Area Protection	Gravel Pad on geotextile, no site prep	SqFt	\$2.08
561	Heavy Use Area Protection	HU-Gravel Pad on geotextile, no site prep	SqFt	\$2.50
561	Heavy Use Area Protection	Rock/Gravel-GeoCell-Geotextile	SqFt	\$3.55
561	Heavy Use Area Protection	HU-Rock/Gravel-GeoCell-Geotextile	SqFt	\$4.26
574	Spring Development	Spring Box with laterals	No	\$7,953.36
574	Spring Development	HU-Spring Box with laterals	No	\$9,544.03
574	Spring Development	Spring Development laterals	No	\$6,108.67
574	Spring Development	HU-Spring Development laterals	No	\$7,330.40
575	Trails and Walkways	Walkway, reinforced concrete	SqFt	\$7.12
575	Trails and Walkways	HU- Walkway, reinforced concrete	SqFt	\$8.54
575	Trails and Walkways	Walkway with Gravel and Geotextile	SqFt	\$2.39
575	Trails and Walkways	HU-Walkway with Gravel and Geotextile	SqFt	\$2.86
575	Trails and Walkways	Walkway with gravel, no geotextile	SqFt	\$2.21
575	Trails and Walkways	HU-Walkway with gravel, no geotextile	SqFt	\$2.65
575	Trails and Walkways	Walkway with Rock/Gravel in GeoCell on Geotextile	SqFt	\$2.84
575	Trails and Walkways	HU-Walkway with Rock/Gravel in GeoCell on Geotextile	SqFt	\$3.41
575	Trails and Walkways	Walkway, earth or vegetated	SqFt	\$0.34
575	Trails and Walkways	HU-Walkway, earth or vegetated	SqFt	\$0.41

Code	Practice	Component	Units	Unit Cost
578	Stream Crossing	Bridge	SqFt	\$56.82
578	Stream Crossing	HU-Bridge	SqFt	\$68.18
578	Stream Crossing	Culvert installation	InFt	\$9.98
578	Stream Crossing	HU-Culvert installation	InFt	\$11.97
578	Stream Crossing	Ford with Water Management	SqFt	\$18.48
578	Stream Crossing	HU-Ford with Water Management	SqFt	\$22.17
578	Stream Crossing	Ramp only	SqFt	\$12.67
578	Stream Crossing	HU-Ramp only	SqFt	\$15.20
578	Stream Crossing	Ramp only with Cattle Slats	SqFt	\$14.63
578	Stream Crossing	HU-Ramp only with Cattle Slats	SqFt	\$17.55
578	Stream Crossing	Ramps and channel	SqFt	\$9.13
578	Stream Crossing	HU-Ramps and channel	SqFt	\$10.95
578	Stream Crossing	Ramps and channel with Cattle Slats	SqFt	\$16.34
578	Stream Crossing	HU-Ramps and channel with Cattle Slats	SqFt	\$19.60
580	Streambank and Shoreline Protection	Bioengineered	SqFt	\$1.44
580	Streambank and Shoreline Protection	HU-Bioengineered	SqFt	\$1.73
580	Streambank and Shoreline Protection	Bioengineered with Toe Protection	SqFt	\$4.59
580	Streambank and Shoreline Protection	HU-Bioengineered with Toe Protection	SqFt	\$5.50
580	Streambank and Shoreline Protection	Geotextile Wrapped	SqFt	\$37.97
580	Streambank and Shoreline Protection	HU-Geotextile Wrapped	SqFt	\$45.57
580	Streambank and Shoreline Protection	Rock Structure, Deflector or Cross Vane	No	\$5,556.48
580	Streambank and Shoreline Protection	HU-Rock Structure, Deflector or Cross Vane	No	\$6,667.77
580	Streambank and Shoreline Protection	Structural	Ft	\$206.13
580	Streambank and Shoreline Protection	HU-Structural	Ft	\$247.36
580	Streambank and Shoreline Protection	Structural small, banks less than 4 ft	CuYd	\$145.67
580	Streambank and Shoreline Protection	HU-Structural small, banks less than 4 ft	CuYd	\$174.80
580	Streambank and Shoreline Protection	Structural, >5 ft bank	CuYd	\$144.29

Code	Practice	Component	Units	Unit Cost
580	Streambank and Shoreline Protection	HU-Structural, >5 ft bank	CuYd	\$173.15
580	Streambank and Shoreline Protection	Vegetative	SqFt	\$0.78
580	Streambank and Shoreline Protection	HU-Vegetative	SqFt	\$0.93
587	Structure for Water Control	Automated DWM Control Structure, 12 to 18 inch diameter pipe	No	\$8,570.16
587	Structure for Water Control	HU-Automated DWM Control Structure, 12 to 18 inch diameter pipe	No	\$10,284.19
587	Structure for Water Control	Basin, earthen	Lnft	\$34.30
587	Structure for Water Control	HU-Basin, earthen	Lnft	\$41.17
587	Structure for Water Control	CMP Turnout Regional	No	\$1,791.01
587	Structure for Water Control	HU-CMP Turnout Regional	No	\$2,149.21
587	Structure for Water Control	Commercial Inline Flashboard Riser Regional	InFt	\$4.96
587	Structure for Water Control	HU-Commercial Inline Flashboard Riser Regional	InFt	\$5.96
587	Structure for Water Control	Concrete Turnout Structure - Small Regional	No	\$2,133.51
587	Structure for Water Control	HU-Concrete Turnout Structure - Small Regional	No	\$2,560.22
587	Structure for Water Control	Concrete Turnout Structure Regional	No	\$4,852.82
587	Structure for Water Control	HU-Concrete Turnout Structure Regional	No	\$5,823.39
587	Structure for Water Control	Culvert <30 inches CMP	InFt	\$4.61
587	Structure for Water Control	HU-Culvert <30 inches CMP	InFt	\$5.53
587	Structure for Water Control	Culvert <30 inches HDPE	InFt	\$4.44
587	Structure for Water Control	HU-Culvert <30 inches HDPE	InFt	\$5.33
587	Structure for Water Control	Flap Gate Regional	Ft	\$2,074.44
587	Structure for Water Control	HU-Flap Gate Regional	Ft	\$2,489.33
587	Structure for Water Control	Flap Gate w/ Concrete Wall Regional	CuYd	\$1,366.87
587	Structure for Water Control	HU-Flap Gate w/ Concrete Wall Regional	CuYd	\$1,640.24
587	Structure for Water Control	Flow Meter with Electronic Index	In	\$301.33
587	Structure for Water Control	HU-Flow Meter with Electronic Index	In	\$361.59
587	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	In	\$419.80
587	Structure for Water Control	HU-Flow Meter with Electronic Index & Telemetry	In	\$503.76

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Flow Meter with Mechanical Index	In	\$159.84
587	Structure for Water Control	HU-Flow Meter with Mechanical Index	In	\$191.80
587	Structure for Water Control	Forestland Waterbar	No	\$295.87
587	Structure for Water Control	HU-Forestland Waterbar	No	\$355.04
587	Structure for Water Control	Gated Pipe	Ft	\$15.08
587	Structure for Water Control	HU-Gated Pipe	Ft	\$18.10
587	Structure for Water Control	Grated Dropbox	No	\$2,001.43
587	Structure for Water Control	HU-Grated Dropbox	No	\$2,401.72
587	Structure for Water Control	Inlet Flashboard Riser, Metal Regional	InFt	\$4.31
587	Structure for Water Control	HU-Inlet Flashboard Riser, Metal Regional	InFt	\$5.17
587	Structure for Water Control	Inline Flashboard Riser, Metal Regional	InFt	\$4.43
587	Structure for Water Control	HU-Inline Flashboard Riser, Metal Regional	InFt	\$5.32
587	Structure for Water Control	In-Stream Structure for Water Surface Profile Regional	Ft	\$287.36
587	Structure for Water Control	HU-In-Stream Structure for Water Surface Profile Regional	Ft	\$344.83
587	Structure for Water Control	nline WCS, Subsurface Drainage Control, float activated head pressure valve	No	\$1,045.52
587	Structure for Water Control	HU-nline WCS, Subsurface Drainage Control, float activated head pressure valve	No	\$1,254.62
587	Structure for Water Control	Rock Checks for Water Surface Profile Regional	Ton	\$89.02
587	Structure for Water Control	HU-Rock Checks for Water Surface Profile Regional	Ton	\$106.82
587	Structure for Water Control	Slide Gate Regional	Ft	\$1,983.00
587	Structure for Water Control	HU-Slide Gate Regional	Ft	\$2,379.60
587	Structure for Water Control	Trench Drain with grate	No	\$2,460.38
587	Structure for Water Control	HU-Trench Drain with grate	No	\$2,952.45
587	Structure for Water Control	Water Bar	No	\$1,340.52
587	Structure for Water Control	HU-Water Bar	No	\$1,608.62
590	Nutrient Management	Adaptive NM	No	\$2,328.97
590	Nutrient Management	HU-Adaptive NM	No	\$2,794.77
590	Nutrient Management	Nutrient Management	Ac	\$31.03

Code	Practice	Component	Units	Unit Cost
590	Nutrient Management	HU-Nutrient Management	Ac	\$37.24
590	Nutrient Management	Nutrient Management - Manure Incorporation	Ac	\$44.67
590	Nutrient Management	HU-Nutrient Management - Manure Incorporation	Ac	\$53.61
590	Nutrient Management	Nutrient Management - Manure Injection	Ac	\$154.05
590	Nutrient Management	HU-Nutrient Management - Manure Injection	Ac	\$184.86
590	Nutrient Management	Nutrient Management - Non-Organic	Ac	\$23.08
590	Nutrient Management	HU-Nutrient Management - Non-Organic	Ac	\$27.70
590	Nutrient Management	Precision Nutrient Application	Ac	\$64.29
590	Nutrient Management	HU-Precision Nutrient Application	Ac	\$77.15
590	Nutrient Management	Prescription Nutrient Efficiency	Ac	\$47.73
590	Nutrient Management	HU-Prescription Nutrient Efficiency	Ac	\$57.27
590	Nutrient Management	Small Scale Basic Nutrient Management	kSqFt	\$28.01
590	Nutrient Management	HU-Small Scale Basic Nutrient Management	kSqFt	\$33.61
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, >= 8 inch (with 2'x3' gravel envelope)	Lnft	\$19.51
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Single-Wall, >= 8 inch (with 2'x3' gravel envelope)	Lnft	\$23.42
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, >=8 inch (No Gravel)	Lnft	\$7.50
606	Subsurface Drain	HU-Corrugated Plastic Pipe (CPP), Single-Wall, >=8 inch (No Gravel)	Lnft	\$9.01
606	Subsurface Drain	Corrugated Plastic Pipe , less than 8 inches, Buried 8 feet or more	Ft	\$33.05
606	Subsurface Drain	HU-Corrugated Plastic Pipe , less than 8 inches, Buried 8 feet or more	Ft	\$39.66
606	Subsurface Drain	Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	Ft	\$5.45
606	Subsurface Drain	HU-Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	Ft	\$6.54
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	Ft	\$6.88
606	Subsurface Drain	HU-Enveloped Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	Ft	\$8.26
612	Tree/Shrub Establishment	High Density Conifer Planting	No	\$0.82
612	Tree/Shrub Establishment	HU-High Density Conifer Planting	No	\$0.98
612	Tree/Shrub Establishment	High Density Hardwoods with Shelters	Ac	\$3,991.08
612	Tree/Shrub Establishment	HU-High Density Hardwoods with Shelters	Ac	\$4,789.29



Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	High Density planting	Ac	\$571.64
612	Tree/Shrub Establishment	HU-High Density planting	Ac	\$685.97
612	Tree/Shrub Establishment	Individual Hardwood Container Trees with Shelters	No	\$13.26
612	Tree/Shrub Establishment	HU-Individual Hardwood Container Trees with Shelters	No	\$15.91
612	Tree/Shrub Establishment	Individual Hardwood Trees with Shelters	No	\$9.40
612	Tree/Shrub Establishment	HU-Individual Hardwood Trees with Shelters	No	\$11.28
612	Tree/Shrub Establishment	Low Density, Hardwood Tree/Shrub with Shelters	Ac	\$1,377.45
612	Tree/Shrub Establishment	HU-Low Density, Hardwood Tree/Shrub with Shelters	Ac	\$1,652.94
612	Tree/Shrub Establishment	Medium Density Conifer Planting	Ac	\$441.34
612	Tree/Shrub Establishment	HU-Medium Density Conifer Planting	Ac	\$529.61
612	Tree/Shrub Establishment	Medium Density Hardwood Trees with Shelters	Ac	\$1,865.57
612	Tree/Shrub Establishment	HU-Medium Density Hardwood Trees with Shelters	Ac	\$2,238.69
612	Tree/Shrub Establishment	Planting, container	Ac	\$1,620.95
612	Tree/Shrub Establishment	HU-Planting, container	Ac	\$1,945.14
612	Tree/Shrub Establishment	Tree/Shrub Regeneration Area with Protection	Ac	\$869.50
612	Tree/Shrub Establishment	HU-Tree/Shrub Regeneration Area with Protection	Ac	\$1,043.40
612	Tree/Shrub Establishment	Tree-Shrub Establishment - Small Acreage	No	\$14.55
612	Tree/Shrub Establishment	HU-Tree-Shrub Establishment - Small Acreage	No	\$17.46
614	Watering Facility	Frost Proof Trough (2 Ball)	No	\$1,628.21
614	Watering Facility	HU-Frost Proof Trough (2 Ball)	No	\$1,953.86
614	Watering Facility	Gravity Concrete Trough	No	\$1,639.57
614	Watering Facility	HU-Gravity Concrete Trough	No	\$1,967.49
614	Watering Facility	Hydrant with prorated trough cost	No	\$224.77
614	Watering Facility	HU-Hydrant with prorated trough cost	No	\$269.73
614	Watering Facility	Storage Tank	No	\$2,159.84
614	Watering Facility	HU-Storage Tank	No	\$2,591.80
614	Watering Facility	Tire Trough	Gal	\$2.20

Code	Practice	Component	Units	Unit Cost
614	Watering Facility	HU-Tire Trough	Gal	\$2.64
620	Underground Outlet	12 inch or less	Ft	\$12.14
620	Underground Outlet	HU-12 inch or less	Ft	\$14.56
620	Underground Outlet	12 inch or less, riser	Ft	\$12.65
620	Underground Outlet	HU-12 inch or less, riser	Ft	\$15.18
620	Underground Outlet	18 inch or less	Ft	\$25.54
620	Underground Outlet	HU-18 inch or less	Ft	\$30.64
620	Underground Outlet	24 inch or less	Ft	\$38.43
620	Underground Outlet	HU-24 inch or less	Ft	\$46.12
620	Underground Outlet	30 inch or less	Ft	\$51.77
620	Underground Outlet	HU-30 inch or less	Ft	\$62.12
620	Underground Outlet	6 inch or less pipe	Ft	\$10.14
620	Underground Outlet	HU-6 inch or less pipe	Ft	\$12.16
620	Underground Outlet	Blind Inlet	CuYd	\$88.71
620	Underground Outlet	HU-Blind Inlet	CuYd	\$106.45
620	Underground Outlet	Greater than 30 inch	Ft	\$64.77
620	Underground Outlet	HU-Greater than 30 inch	Ft	\$77.72
620	Underground Outlet	UO 6 inch or less	Ft	\$9.01
620	Underground Outlet	HU-UO 6 inch or less	Ft	\$10.82
620	Underground Outlet	UO 6 inch w Riser or less	Ft	\$9.33
620	Underground Outlet	HU-UO 6 inch w Riser or less	Ft	\$11.20
620	Underground Outlet	UO 8 to 12 inch	Ft	\$11.17
620	Underground Outlet	HU-UO 8 to 12 inch	Ft	\$13.41
620	Underground Outlet	UO with Boring, all sizes	Ft	\$36.80
620	Underground Outlet	HU-UO with Boring, all sizes	Ft	\$44.16
632	Waste Separation Facility	Concrete Basin	Cu-Ft	\$7.60
632	Waste Separation Facility	HU-Concrete Basin	Cu-Ft	\$9.12

Code	Practice	Component	Units	Unit Cost
632	Waste Separation Facility	Concrete Sand Settling Lane	SqFt	\$9.62
632	Waste Separation Facility	HU-Concrete Sand Settling Lane	SqFt	\$11.54
632	Waste Separation Facility	Earthen Settling Structure	Cu-Ft	\$0.44
632	Waste Separation Facility	HU-Earthen Settling Structure	Cu-Ft	\$0.53
632	Waste Separation Facility	Mechanical Separation Facility, 150 AU or less	No	\$51,992.27
632	Waste Separation Facility	HU-Mechanical Separation Facility, 150 AU or less	No	\$62,390.73
632	Waste Separation Facility	Mechanical Separation Facility, Large, over 150 AU	No	\$55,701.03
632	Waste Separation Facility	HU-Mechanical Separation Facility, Large, over 150 AU	No	\$66,841.24
632	Waste Separation Facility	On lot solid separation screen and riser box	SqFt	\$55.92
632	Waste Separation Facility	HU-On lot solid separation screen and riser box	SqFt	\$67.11
634	Waste Transfer	Boring , Waste Transfer Pipe, All sizes	Ft	\$119.59
634	Waste Transfer	HU- Boring , Waste Transfer Pipe, All sizes	Ft	\$143.51
634	Waste Transfer	10 inch Transfer pipe	Ft	\$30.74
634	Waste Transfer	HU-10 inch Transfer pipe	Ft	\$36.88
634	Waste Transfer	12 inch transfer pipe	Ft	\$39.78
634	Waste Transfer	HU-12 inch transfer pipe	Ft	\$47.73
634	Waste Transfer	24 inch pipe only	Ft	\$77.20
634	Waste Transfer	HU-24 inch pipe only	Ft	\$92.64
634	Waste Transfer	6 to 8 inch Transfer pipe	Ft	\$10.89
634	Waste Transfer	HU-6 to 8 inch Transfer pipe	Ft	\$13.07
634	Waste Transfer	6 to 8 inch Pressure Pipe	Ft	\$14.24
634	Waste Transfer	HU-6 to 8 inch Pressure Pipe	Ft	\$17.08
634	Waste Transfer	Agitator for mixing basin contents 10 to 15 ft deep	No	\$10,624.93
634	Waste Transfer	HU-Agitator for mixing basin contents 10 to 15 ft deep	No	\$12,749.91
634	Waste Transfer	Agitator for mixing basin contents no more than 10 ft deep	No	\$9,255.40
634	Waste Transfer	HU-Agitator for mixing basin contents no more than 10 ft deep	No	\$11,106.47
634	Waste Transfer	Agitator for mixing basin contents over 15 feet deep	No	\$12,354.24

Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	HU-Agitator for mixing basin contents over 15 feet deep	No	\$14,825.09
634	Waste Transfer	Concrete channel	SqFt	\$14.79
634	Waste Transfer	HU-Concrete channel	SqFt	\$17.75
634	Waste Transfer	Concrete channel to Basin	SqFt	\$23.18
634	Waste Transfer	HU-Concrete channel to Basin	SqFt	\$27.81
634	Waste Transfer	Concrete Channel to Basin to pipe	SqFt	\$26.82
634	Waste Transfer	HU-Concrete Channel to Basin to pipe	SqFt	\$32.18
634	Waste Transfer	Drag Hose	Ft	\$8.19
634	Waste Transfer	HU-Drag Hose	Ft	\$9.83
634	Waste Transfer	Hard Hose Reel	Ft	\$29.89
634	Waste Transfer	HU-Hard Hose Reel	Ft	\$35.87
634	Waste Transfer	Hopper, over 40ft of 24 inch pipe	Ft	\$144.27
634	Waste Transfer	HU-Hopper, over 40ft of 24 inch pipe	Ft	\$173.13
634	Waste Transfer	Hopper, with 40 ft or less of 24 inch pipe	Ft	\$221.78
634	Waste Transfer	HU-Hopper, with 40 ft or less of 24 inch pipe	Ft	\$266.13
634	Waste Transfer	Inlet and Reception Pit, 1k to 5k gal, with pipe	Gal	\$2.97
634	Waste Transfer	HU-Inlet and Reception Pit, 1k to 5k gal, with pipe	Gal	\$3.56
634	Waste Transfer	Inlet and Reception Pit, less than 1000 gal, with pipe	Gal	\$7.54
634	Waste Transfer	HU-Inlet and Reception Pit, less than 1000 gal, with pipe	Gal	\$9.05
634	Waste Transfer	Large collection basin with 6 to 8 inch transfer line	Gal	\$3.69
634	Waste Transfer	HU-Large collection basin with 6 to 8 inch transfer line	Gal	\$4.42
634	Waste Transfer	Long Scrape with Pushoff, 20LF or greater	SqFt	\$15.33
634	Waste Transfer	HU-Long Scrape with Pushoff, 20LF or greater	SqFt	\$18.40
634	Waste Transfer	Lot runoff, Inlet box and pipe	No	\$2,888.50
634	Waste Transfer	HU-Lot runoff, Inlet box and pipe	No	\$3,466.21
634	Waste Transfer	Lot runoff, inlet box, pipe and pump tank	No	\$5,871.93
634	Waste Transfer	HU-Lot runoff, inlet box, pipe and pump tank	No	\$7,046.32

Code	Practice	Component	Units	Unit Cost
634	Waste Transfer	Medium collection basin with 6 inch transfer line	Gal	\$4.60
634	Waste Transfer	HU-Medium collection basin with 6 inch transfer line	Gal	\$5.52
634	Waste Transfer	Pipe manure flush system	Ft	\$64.27
634	Waste Transfer	HU-Pipe manure flush system	Ft	\$77.12
634	Waste Transfer	Short Scrape with safety gate, less than 20 LF	No	\$4,325.70
634	Waste Transfer	HU-Short Scrape with safety gate, less than 20 LF	No	\$5,190.84
634	Waste Transfer	Small Manure Flush System	Gal	\$17.01
634	Waste Transfer	HU-Small Manure Flush System	Gal	\$20.42
634	Waste Transfer	Transfer line, pressure, 4 inch or less	Ft	\$8.08
634	Waste Transfer	HU-Transfer line, pressure, 4 inch or less	Ft	\$9.70
634	Waste Transfer	Transfer Pipe, gravity, 4 inch or less	Ft	\$6.41
634	Waste Transfer	HU-Transfer Pipe, gravity, 4 inch or less	Ft	\$7.70
634	Waste Transfer	Wastewater reception pit, 670 to 4999 CF	Cu-Ft	\$7.62
634	Waste Transfer	HU-Wastewater reception pit, 670 to 4999 CF	Cu-Ft	\$9.15
642	Water Well	10 inch well cased, PVC, Shallow well	Lnft	\$88.47
642	Water Well	HU-10 inch well cased, PVC, Shallow well	Lnft	\$106.17
642	Water Well	4 inch cased	Ft	\$27.58
642	Water Well	HU-4 inch cased	Ft	\$33.10
642	Water Well	4 inch Limited Casing	Ft	\$25.34
642	Water Well	HU-4 inch Limited Casing	Ft	\$30.41
642	Water Well	4 inch well cased, PVC, Shallow	Lnft	\$40.39
642	Water Well	HU-4 inch well cased, PVC, Shallow	Lnft	\$48.46
642	Water Well	8 inch well cased, PVC, Shallow well	Lnft	\$76.53
642	Water Well	HU-8 inch well cased, PVC, Shallow well	Lnft	\$91.83
642	Water Well	High Volume Typical Well, 8 inch or greater	Ft	\$43.48
642	Water Well	HU-High Volume Typical Well, 8 inch or greater	Ft	\$52.18
642	Water Well	Typical Well, 6 inch	Ft	\$26.75

<b>Code</b>	<b>Practice</b>	<b>Component</b>	<b>Units</b>	<b>Unit Cost</b>
642	Water Well	HU-Typical Well, 6 inch	Ft	\$32.10