

Code	Practice	Component	Units	Unit Cost
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
355	Groundwater Testing	Basic Water Test	No	\$53.41
355	Groundwater Testing	HU-Basic Water Test	No	\$64.10
355	Groundwater Testing	Full Spectrum Test	No	\$271.96
355	Groundwater Testing	HU-Full Spectrum Test	No	\$326.36
355	Groundwater Testing	Specialty Water Test	No	\$211.34
355	Groundwater Testing	HU-Specialty Water Test	No	\$253.61
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

Code	Practice	Component	Units	Unit Cost
362	Diversion	HU-Diversion, small, less than or equal to 300 feet	Ft	\$8.03
430	Irrigation Pipeline	Boring, Pipeline All Sizes	Lnft	\$113.41
430	Irrigation Pipeline	HU-Boring, Pipeline All Sizes	Lnft	\$136.09
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 10 inch	Ft	\$36.04
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 10 inch	Ft	\$43.25
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 12 Inches	Lnft	\$48.26
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 12 Inches	Lnft	\$57.91
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 3 inch or less	Ft	\$5.74
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 3 inch or less	Ft	\$6.89
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 4 Inches	Lnft	\$8.40
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 4 Inches	Lnft	\$10.08
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 6 inches	Ft	\$14.58
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size & Tubing) 6 inches	Ft	\$17.49
430	Irrigation Pipeline	HDPE (Iron Pipe Size and Tubing) 8 Inches	Lnft	\$23.34
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size and Tubing) 8 Inches	Lnft	\$28.01
430	Irrigation Pipeline	HDPE (Iron Pipe Size and Tubing), less than or equal to 2 inch, Small Scale	Lb	\$51.57
430	Irrigation Pipeline	HU-HDPE (Iron Pipe Size and Tubing), less than or equal to 2 inch, Small Scale	Lb	\$61.88
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10 inches or greater	Ft	\$26.07
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 10 inches or greater	Ft	\$31.29
430	Irrigation Pipeline	PVC (Iron Pipe Size) 6 inches to 8 inches	Lnft	\$17.11
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 6 inches to 8 inches	Lnft	\$20.53
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8 Inches	Lnft	\$16.72
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size) 8 Inches	Lnft	\$20.06
430	Irrigation Pipeline	PVC (Iron Pipe Size), 4 inches or less	Ft	\$5.75
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size), 4 inches or less	Ft	\$6.90
430	Irrigation Pipeline	PVC (Iron Pipe Size), less than or equal to 4 inch, Small Scale System	Lnft	\$7.90
430	Irrigation Pipeline	HU-PVC (Iron Pipe Size), less than or equal to 4 inch, Small Scale System	Lnft	\$9.48

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipe) 10 inches or greater	Lb	\$3.46
430	Irrigation Pipeline	HU-PVC (Plastic Irrigation Pipe) 10 inches or greater	Lb	\$4.15
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipe) 2 inch	Ft	\$5.50
430	Irrigation Pipeline	HU-PVC (Plastic Irrigation Pipe) 2 inch	Ft	\$6.60
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipe) 8 Inches	Ft	\$6.14
430	Irrigation Pipeline	HU-PVC (Plastic Irrigation Pipe) 8 Inches	Ft	\$7.37
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipeline) 1 inch	Lnft	\$4.65
430	Irrigation Pipeline	HU-PVC (Plastic Irrigation Pipeline) 1 inch	Lnft	\$5.58
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipeline) 3 inch	Lnft	\$7.22
430	Irrigation Pipeline	HU-PVC (Plastic Irrigation Pipeline) 3 inch	Lnft	\$8.66
430	Irrigation Pipeline	Surface Aluminum (Aluminum Irrigation Pipe)	Lb	\$5.59
430	Irrigation Pipeline	HU-Surface Aluminum (Aluminum Irrigation Pipe)	Lb	\$6.71
430	Irrigation Pipeline	Surface HDPE (Iron Pipe Size and Tubing), less than or equal to 2 inch, Small Scale	Lb	\$9.15
430	Irrigation Pipeline	HU-Surface HDPE (Iron Pipe Size and Tubing), less than or equal to 2 inch, Small Scale	Lb	\$10.98
436	Irrigation Reservoir	Embankment Dam	CuYd	\$4.33
436	Irrigation Reservoir	HU-Embankment Dam	CuYd	\$5.19
436	Irrigation Reservoir	Embankment Reservoir > 30 Acre-Feet	CuYd	\$3.06
436	Irrigation Reservoir	HU-Embankment Reservoir > 30 Acre-Feet	CuYd	\$3.67
436	Irrigation Reservoir	Embankment Reservoir 30 or less Acre-Feet	CuYd	\$3.02
436	Irrigation Reservoir	HU-Embankment Reservoir 30 or less Acre-Feet	CuYd	\$3.62
436	Irrigation Reservoir	Excavated Tailwater Pit	CuYd	\$1.87
436	Irrigation Reservoir	HU-Excavated Tailwater Pit	CuYd	\$2.24
436	Irrigation Reservoir	Fiberglass Tank	Gal	\$1.45
436	Irrigation Reservoir	HU-Fiberglass Tank	Gal	\$1.74
436	Irrigation Reservoir	Plastic Tank	Gal	\$2.20
436	Irrigation Reservoir	HU-Plastic Tank	Gal	\$2.64
436	Irrigation Reservoir	Plastic tank, less than or equal to 1,000 gallons	Gal	\$4.45

<b>Code</b>	<b>Practice</b>	<b>Component</b>	<b>Units</b>	<b>Unit Cost</b>
436	Irrigation Reservoir	HU-Plastic tank, less than or equal to 1,000 gallons	Gal	\$5.34
436	Irrigation Reservoir	Small Semi-Excavated Reservoir	CuYd	\$4.24
436	Irrigation Reservoir	HU-Small Semi-Excavated Reservoir	CuYd	\$5.09
436	Irrigation Reservoir	Steel Tank	Gal	\$0.95
436	Irrigation Reservoir	HU-Steel Tank	Gal	\$1.14
441	Irrigation System, Microirrigation	Hoop House Surface Microirrigation	SqFt	\$0.32
441	Irrigation System, Microirrigation	HU-Hoop House Surface Microirrigation	SqFt	\$0.39
441	Irrigation System, Microirrigation	Microjet	Ac	\$2,829.51
441	Irrigation System, Microirrigation	HU-Microjet	Ac	\$3,395.42
441	Irrigation System, Microirrigation	Microjet Filtered	Ac	\$3,605.98
441	Irrigation System, Microirrigation	HU-Microjet Filtered	Ac	\$4,327.18
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	Ac	\$2,850.63
441	Irrigation System, Microirrigation	HU-SDI (Subsurface Drip Irrigation)	Ac	\$3,420.76
441	Irrigation System, Microirrigation	Seasonal High Tunnel Micro Irrigation System	SqFt	\$0.09
441	Irrigation System, Microirrigation	HU-Seasonal High Tunnel Micro Irrigation System	SqFt	\$0.11
441	Irrigation System, Microirrigation	Small Microirrigation System	SqFt	\$0.96
441	Irrigation System, Microirrigation	HU-Small Microirrigation System	SqFt	\$1.16
441	Irrigation System, Microirrigation	Small Surface Tape System	SqFt	\$0.80
441	Irrigation System, Microirrigation	HU-Small Surface Tape System	SqFt	\$0.95
441	Irrigation System, Microirrigation	Surface PE Container Filtered	Ac	\$10,593.38
441	Irrigation System, Microirrigation	HU-Surface PE Container Filtered	Ac	\$12,712.06
441	Irrigation System, Microirrigation	Surface PE Container Nursery	Ac	\$9,556.46
441	Irrigation System, Microirrigation	HU-Surface PE Container Nursery	Ac	\$11,467.75
441	Irrigation System, Microirrigation	Surface PE Perennial Crops	Ac	\$2,039.95
441	Irrigation System, Microirrigation	HU-Surface PE Perennial Crops	Ac	\$2,447.94
441	Irrigation System, Microirrigation	Surface PE Perennial Crops, filtered, no flow meter	Ac	\$2,460.34
441	Irrigation System, Microirrigation	HU-Surface PE Perennial Crops, filtered, no flow meter	Ac	\$2,952.40

Code	Practice	Component	Units	Unit Cost
441	Irrigation System, Microirrigation	Surface PE Perennial Filtered	Ac	\$2,816.42
441	Irrigation System, Microirrigation	HU-Surface PE Perennial Filtered	Ac	\$3,379.70
441	Irrigation System, Microirrigation	Surface Tape <5 acres	Ac	\$3,764.98
441	Irrigation System, Microirrigation	HU-Surface Tape <5 acres	Ac	\$4,517.98
441	Irrigation System, Microirrigation	Surface Tape Annual Crops	Ac	\$569.94
441	Irrigation System, Microirrigation	HU-Surface Tape Annual Crops	Ac	\$683.92
441	Irrigation System, Microirrigation	Surface Tape Annual Filtered	Ac	\$1,605.22
441	Irrigation System, Microirrigation	HU-Surface Tape Annual Filtered	Ac	\$1,926.27
441	Irrigation System, Microirrigation	Surface Tape Annual Filtered, no Flow Meter	Ac	\$1,410.71
441	Irrigation System, Microirrigation	HU-Surface Tape Annual Filtered, no Flow Meter	Ac	\$1,692.85
442	Sprinkler System	Center Pivot System	Ft	\$61.27
442	Sprinkler System	HU-Center Pivot System	Ft	\$73.52
442	Sprinkler System	Center Pivot System (Partial Circle)	Ac	\$1,628.95
442	Sprinkler System	HU-Center Pivot System (Partial Circle)	Ac	\$1,954.74
442	Sprinkler System	Gravity to Pivot Conversion with VRI Zone Control	Lnft	\$92.82
442	Sprinkler System	HU-Gravity to Pivot Conversion with VRI Zone Control	Lnft	\$111.38
442	Sprinkler System	Linear Move System	Ft	\$101.76
442	Sprinkler System	HU-Linear Move System	Ft	\$122.11
442	Sprinkler System	Mobile Drip Irrigation Retrofit, Center Pivot	Lnft	\$14.07
442	Sprinkler System	HU-Mobile Drip Irrigation Retrofit, Center Pivot	Lnft	\$16.89
442	Sprinkler System	Renovation of Existing Sprinkler System	Ft	\$9.47
442	Sprinkler System	HU-Renovation of Existing Sprinkler System	Ft	\$11.37
442	Sprinkler System	Small Solid Set, Above Ground Laterals	Ac	\$2,556.53
442	Sprinkler System	HU-Small Solid Set, Above Ground Laterals	Ac	\$3,067.84
442	Sprinkler System	Traveling Gun System, < 2 inch Hose	No	\$11,005.24
442	Sprinkler System	HU-Traveling Gun System, < 2 inch Hose	No	\$13,206.29
442	Sprinkler System	Traveling Gun, 2 inch or >	No	\$19,330.98

Code	Practice	Component	Units	Unit Cost
442	Sprinkler System	HU-Traveling Gun, 2 inch or >	No	\$23,197.18
442	Sprinkler System	VRI System Retrofit Zone	Lnft	\$38.68
442	Sprinkler System	HU-VRI System Retrofit Zone	Lnft	\$46.41
447	Irrigation and Drainage Tailwater Recovery	Delta Tail Water Pit	CuYd	\$1.18
447	Irrigation and Drainage Tailwater Recovery	HU-Delta Tail Water Pit	CuYd	\$1.41
447	Irrigation and Drainage Tailwater Recovery	Tailwater Collection Structure	InFt	\$3.78
447	Irrigation and Drainage Tailwater Recovery	HU-Tailwater Collection Structure	InFt	\$4.54
449	Irrigation Water Management	1st Year, Computer Record Keeping System	Ac	\$249.88
449	Irrigation Water Management	HU-1st Year, Computer Record Keeping System	Ac	\$299.85
449	Irrigation Water Management	Advanced IWM < 1 acre	No	\$1,434.96
449	Irrigation Water Management	HU-Advanced IWM < 1 acre	No	\$1,721.95
449	Irrigation Water Management	Annual Crops, Vegetables, 1st Year	Ac	\$66.72
449	Irrigation Water Management	HU-Annual Crops, Vegetables, 1st Year	Ac	\$80.06
449	Irrigation Water Management	Annual Crops, Vegetables, 1st Year, with Data Logger	Ac	\$111.55
449	Irrigation Water Management	HU-Annual Crops, Vegetables, 1st Year, with Data Logger	Ac	\$133.86
449	Irrigation Water Management	Annual Crops, Vegetables, 2nd and 3rd Year	Ac	\$31.65
449	Irrigation Water Management	HU-Annual Crops, Vegetables, 2nd and 3rd Year	Ac	\$37.98
449	Irrigation Water Management	Basic IWM < 1 acre	No	\$860.98
449	Irrigation Water Management	HU-Basic IWM < 1 acre	No	\$1,033.17
449	Irrigation Water Management	Basic IWM 30 acres or less	Ac	\$23.92
449	Irrigation Water Management	HU-Basic IWM 30 acres or less	Ac	\$28.70
449	Irrigation Water Management	Basic IWM over 30 acres	Ac	\$13.21
449	Irrigation Water Management	HU-Basic IWM over 30 acres	Ac	\$15.85
449	Irrigation Water Management	Field Crops, Grains, 1st Year	Ac	\$15.99
449	Irrigation Water Management	HU-Field Crops, Grains, 1st Year	Ac	\$19.18
449	Irrigation Water Management	Field Crops, Grains, 1st Year, with Data Logger	Ac	\$33.92
449	Irrigation Water Management	HU-Field Crops, Grains, 1st Year, with Data Logger	Ac	\$40.70

Code	Practice	Component	Units	Unit Cost
449	Irrigation Water Management	Field Crops, Grains, 2nd and 3rd Year	Ac	\$7.79
449	Irrigation Water Management	HU-Field Crops, Grains, 2nd and 3rd Year	Ac	\$9.35
449	Irrigation Water Management	Intermediate IWM < 1 acre	No	\$1,147.97
449	Irrigation Water Management	HU-Intermediate IWM < 1 acre	No	\$1,377.56
449	Irrigation Water Management	Perennial Crops, Orchards, 1st Year	Ac	\$77.53
449	Irrigation Water Management	HU-Perennial Crops, Orchards, 1st Year	Ac	\$93.04
449	Irrigation Water Management	Perennial Crops, Orchards, 1st Year, with Data Logger	Ac	\$122.37
449	Irrigation Water Management	HU-Perennial Crops, Orchards, 1st Year, with Data Logger	Ac	\$146.84
449	Irrigation Water Management	Perennial Crops, Orchards, 2nd and 3rd Year	Ac	\$42.46
449	Irrigation Water Management	HU-Perennial Crops, Orchards, 2nd and 3rd Year	Ac	\$50.96
449	Irrigation Water Management	Use Computer Record Keeping System	Ac	\$45.59
449	Irrigation Water Management	HU-Use Computer Record Keeping System	Ac	\$54.71
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 - 24 inch	SqFt	\$9.08
468	Lined Waterway or Outlet	HU-Rock Lined - 24 inch	SqFt	\$10.90
468	Lined Waterway or Outlet	Rock Lined, 12 inch	SqFt	\$5.07
468	Lined Waterway or Outlet	HU-Rock Lined, 12 inch	SqFt	\$6.09
468	Lined Waterway or Outlet	Turf Reinforced Matting	SqFt	\$1.23
468	Lined Waterway or Outlet	HU-Turf Reinforced Matting	SqFt	\$1.47
484	Mulching	Erosion Control Blanket	SqFt	\$0.16
484	Mulching	HU-Erosion Control Blanket	SqFt	\$0.20
484	Mulching	Natural Material - Full Coverage	Ac	\$493.45

Code	Practice	Component	Units	Unit Cost
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
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
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



Code	Practice	Component	Units	Unit Cost
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
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

Code	Practice	Component	Units	Unit Cost
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	Variable Frequency Drive	HP	\$94.53
533	Pumping Plant	HU-Variable Frequency Drive	HP	\$113.44
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
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
561	Heavy Use Area Protection	HU-Concrete Slab with Curbs & Buckwall	SqFt	\$17.03

Code	Practice	Component	Units	Unit Cost
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
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	Automated DWM Control Structure, 6 to 10 inch diameter pipe	No	\$4,842.84
587	Structure for Water Control	HU-Automated DWM Control Structure, 6 to 10 inch diameter pipe	No	\$5,811.41
587	Structure for Water Control	Automation Retrofit to Manual Drainage Water Management Control Structure	No	\$3,993.40
587	Structure for Water Control	HU-Automation Retrofit to Manual Drainage Water Management Control Structure	No	\$4,792.08
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

<b>Code</b>	<b>Practice</b>	<b>Component</b>	<b>Units</b>	<b>Unit Cost</b>
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
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

Code	Practice	Component	Units	Unit Cost
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
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
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

Code	Practice	Component	Units	Unit Cost
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	6 inch or less, Riser	Ft	\$6.81
620	Underground Outlet	HU-6 inch or less, Riser	Ft	\$8.17
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 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 with Boring, all sizes	Ft	\$36.80
620	Underground Outlet	HU-UO with Boring, all sizes	Ft	\$44.16
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
642	Water Well	HU-Typical Well, 6 inch	Ft	\$32.10