

Final Estimation

Practice	Scenario	Practice Name	Scenario Name	Unit	Final Estimate (6-21)
*	*	Gate	4 ft. Span	Each	\$ 298.27
*	*	Gate	6 ft. Span	Each	\$ 316.31
*	*	Gate	8 ft. Span	Each	\$ 304.68
*	*	Gate	10 ft. Span	Each	\$ 342.71
*	*	Gate	12 ft. Span	Each	\$ 315.23
*	*	Gate	14 ft Span	Each	\$ 411.60
*	*	Gate	16 ft. Span	Each	\$ 371.60
326	26	High Tunnel System	High Tunnel, Low Snow and Wind Load	Square Feet	\$ 4.88
326	27	High Tunnel System	Contiguous US Snow	Square Feet	\$ 5.89
326	28	High Tunnel System	Contiguous US	Square Feet	\$ 4.88
326	29	High Tunnel System	High Tunnel, Low Wind or Snow Load, Intensive Sun	Square Feet	\$ 5.36
326	65	High Tunnel System	Small High Tunnel, Snow and Wind	Square Feet	\$ 11.28
326	66	High Tunnel System	Small High Tunnel, Intensive Sun	Square Feet	\$ 10.11
315	1	Herbacious Weed Treatment	Mechanical, Hand	Acre	\$ 93.45
315	2	Herbacious Weed Treatment	Mechanical	Acre	\$ 24.75
315	3	Herbacious Weed Treatment	Chemical, Spot	Acre	\$ 46.57
315	4	Herbacious Weed Treatment	Chemical, Ground	Acre	\$ 52.13
315	5	Herbacious Weed Treatment	Chemical, Aerial	Acre	\$ 42.68
315	6	Herbacious Weed Treatment	Hand and Chemical	Acre	\$ 111.27
315	7	Herbacious Weed Treatment	Mechanical and Chemical	Acre	\$ 129.70
315	8	Herbacious Weed Treatment	Split- Method and Event Series	Acre	\$ 127.53
326	1	Clearing and Snagging	Light	Foot	\$ 22.65
326	2	Clearing and Snagging	Medium	Foot	\$ 22.17
326	3	Clearing and Snagging	Heavy	Foot	\$ 24.40
342	46	Critical Area Planting	Hand Seed and Incorporate	Acre	\$ 350.00
350	1	Sediment Basin	Excavated Volume	Cubic Yard	\$ 2.90
350	2	Sediment Basin	Embankment earthen basin with no pipe	Cubic Yard	\$ 2.90
350	3	Sediment Basin	Embankment earthen basin with pipe	Cubic Yard	\$ 30.12
378	2	Pond	Embankment Pond without Pipe	Cubic Yard	\$ 4.15
378	3	Pond	Embankment Pond with Pipe	Cubic Yard	\$ 6.48
378	66	Pond	Excavated Pit - Small	Cubic Yard	\$ 7.32
362	1	Diversion	Diversion	Cubic Yard	\$ 2.32
362	2	Diversion	Diversion Minor Structure	Cubic Yard	\$ 9.08
362	3	Diversion	Net Wire Diversion	Linear Foot	\$ 13.66
382	1	Fence	Multi Strand Barbed/Smooth Wire	Linear Foot	\$ 5.95
382	2	Fence	Multi Strand Barbed/Smooth Wire Difficult Terrain	Linear Foot	\$ 7.27
382	3	Fence	Woven Wire	Linear Foot	\$ 7.34
382	4	Fence	Electric	Linear Foot	\$ 6.18
382	5	Fence	Wildlife Exclusion	Linear Foot	\$ 10.04
382	6	Fence	Safety	Linear Foot	\$ 10.34
382	7	Fence	Temporary	Linear Foot	\$ 0.68
382	51	Fence	Pole Fence	Linear Foot	\$ 21.13
382	60	Fence	Confinement	Linear Foot	\$ 8.14
384	7	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	Acre	\$ 2,370.62
390	3	Riparian Herbacious Cover	Warm and Cool Season Plants	Acre	\$ 1,451.68
391	5	Riparian Forest Buffer	Small container, hand planted	Acre	\$ 10,157.81
410	1	Grade Stabilization Structure	Check Dams	Ton	\$ 84.59
410	8	Grade Stabilization Structure	Weir Drop Structures	Square Foot	\$ 119.26
410	9	Grade Stabilization Structure	Rock Drop Structures	Square Foot	\$ 161.27
410	10	Grade Stabilization Structure	Log Drop Structures	Each	\$ 5,689.06
410	11	Grade Stabilization Structure	Rock Dam	Square Foot	\$ 15.29
410	12	Grade Stabilization Structure	Rock Drop Structures - remote locations	Square Foot	\$ 241.11
410	30	Grade Stabilization Structure	Rock and Brush Structure/Zuni Bowls	Cubic Yard	\$ 297.31
428	1	Irrigation Ditch Lining	Concrete Lining, 1 ft bottom	Square Yard	\$ 55.36
428	2	Irrigation Ditch Lining	Concrete lined ditch-thick, 1.5 ft bottom	Square Yard	\$ 63.76
428	3	Irrigation Ditch Lining	Concrete Lining, 2 ft bottom	Square Yard	\$ 1,519.76
428	4	Irrigation Ditch Lining	Concrete Lining, > 2 ft bottom	Square Yard	\$ 1,075.62
428	5	Irrigation Ditch Lining	Notched Ditch, 1.5 ft bottom	Square Yard	\$ 82.17
428	6	Irrigation Ditch Lining	Flexible Lining	Square Yard	\$ 10.92
428	7	Irrigation Ditch Lining	Transitions	Square Feet	\$ 5.58
428	9	Irrigation Ditch Lining	Concrete Lining, Hand Placed, Any Size	Square Yard	\$ 1,033.01
430	7	Irrigation Pipeline	PVC Pipe <= 8 inch	Pound	\$ 4.31
430	8	Irrigation Pipeline	PVC Pipe >= 10 inch	Pound	\$ 29.86
430	10	Irrigation Pipeline	Native -Wildlife or Pollinator	Pound	\$ 3.19
430	11	Irrigation Pipeline	PVC Pipe >= 10 inch with boring	Pound	\$ 9.05
430	13	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing)	Pound	\$ 4.69
430	14	Irrigation Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Pound	\$ 5.10
430	15	Irrigation Pipeline	HDPE (Corrugated Plastic Pipe)	Pound	\$ 7.34
430	16	Irrigation Pipeline	Steel (Iron Pipe Size)	Pound	\$ 2.83
430	17	Irrigation Pipeline	Steel (Corrugated Steel Pipe)	Pound	\$ 1.67
430	22	Irrigation Pipeline	PVC PIP, Remote Location or Adverse Installation Conditions	Pound	\$ 4.90
430	23	Irrigation Pipeline	Micro Hydroelectric Power Plant	Kilowatt	\$ 4,343.60
430	24	Irrigation Pipeline	Micro Hydro-mechanical Power Plant	Horsepower	\$ 2,198.77
430	58	Irrigation Pipeline	HDPE Pipe >= 10" boring w/casing	Pound	\$ 5.80
430	59	Irrigation Pipeline	HDPE Pipe <= 8 inch boring w/casing	Pound	\$ 24.39
430	60	Irrigation Pipeline	Pipe Boring Casing Only <= 8 inch	Pound	\$ 25.93
430	61	Irrigation Pipeline	Pipe Boring Casing Only <= 8 inch	Pound	\$ 8.22
441	1	Irrigation Systems, Microirrigation	SDI (Subsurface Drip Irrigation)	Acre	\$ 5,101.39
441	3	Irrigation Systems, Microirrigation	Microjet	Acre	\$ 3,663.91
441	5	Irrigation Systems, Microirrigation	Windbreak Surface PE	Acre	\$ 1,433.87
441	6	Irrigation Systems, Microirrigation	Hoop House Surface Microirrigation	Square Foot	\$ 0.14
442	5	Sprinkler System	Wheel Line System	Feet	\$ 21.34
464	1	Irrigation Land Leveling	Irrigation Land Leveling	Square Foot	\$ 13.08
464	2	Irrigation Land Leveling	Irrigation Land Leveling Remote	Square Foot	\$ 13.25
466	1	Land Smoothing	Minor Shaping	Acre	\$ 121.77

500	1	Obstruction Removal	Removal and Disposal of Brush and Trees < 6 inch Diameter	Acre	\$	1,565.84
500	2	Obstruction Removal	Removal and Disposal of Brush and Trees > 6 inch Diameter	Acre	\$	2,595.42
500	3	Obstruction Removal	Removal and Disposal of Fence	Foot	\$	1.64
500	4	Obstruction Removal	Removal and Disposal of Rock and or Boulders	Cubic Yard	\$	133.82
500	5	Obstruction Removal	Removal and Disposal of Steel and or Concrete Structures	Square Foot	\$	16.33
500	6	Obstruction Removal	Removal and Disposal of Wood Structures	Square Foot	\$	8.16
500	33	Obstruction Removal	Removal and Disposal of Wood Structures (Large)	Square Foot	\$	1.20
500	42	Obstruction Removal	Removal and disposal of light sand and flood sediment > 30 inches	Acres	\$	4,830.30
500	43	Obstruction Removal	Removal and disposal of light scattered debris	Acres	\$	493.04
500	44	Obstruction Removal	Removal and disposal of heavy scattered debris	Square Foot	\$	1.31
500	45	Obstruction Removal	Removal and disposal of light sand and flood sediment 12-30 inches	Acre	\$	3,335.17
512	3	Pasture and Hay Planting	Native Perennial, 2 or more species	Acre	\$	679.99
516	1	Livestock Pipeline	PVC (Iron Pipe Size)	Pound	\$	6.29
516	2	Livestock Pipeline	PVC (Iron Pipe Size) < 3 inch Boring	Pound	\$	8.16
516	3	Livestock Pipeline	PVC (Iron Pipe Size) > 3 inch Boring	Pound	\$	278.44
516	4	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing)	Pound	\$	11.55
516	5	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing) < 3 inch Boring	Pound	\$	14.54
516	6	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing) >3 inch Boring	Pound	\$	18.53
516	7	Livestock Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Pound	\$	4.73
516	8	Livestock Pipeline	Steel (Iron Pipe Size)	Pound	\$	3.45
516	9	Livestock Pipeline	Surface Steel (Iron Pipe Size)	Pound	\$	2.94
516	10	Livestock Pipeline	HDPE (Iron Pipe Size & Tubing) - Remote locations	Pound	\$	11.79
516	11	Livestock Pipeline	1.25 inch 160 psi PVC-SDR per foot	Pound	\$	2.48
520	7	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant - Uncovered	Cubic Yards	\$	15.88
520	8	Pond Sealing or Lining, Compacted Soil Treatment	Soil Dispersant - Covered	Cubic Yards	\$	14.44
520	9	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment - Uncovered	Cubic Yards	\$	95.16
520	10	Pond Sealing or Lining, Compacted Soil Treatment	Bentonite Treatment - Covered	Cubic Yards	\$	54.07
520	11	Pond Sealing or Lining, Compacted Soil Treatment	Material haul < 1 mile	Cubic Yards	\$	19.83
520	12	Pond Sealing or Lining, Compacted Soil Treatment	Material haul > 1 mile	Cubic Yards	\$	21.30
533	1	Pumping Plant	Electric-Powered Pump <= 5 Hp	Foot	\$	1,239.37
533	2	Pumping Plant	Electric-Powered Pump <= 5 HP with Pressure Tank	Horsepower	\$	2,926.67
533	3	Pumping Plant	Electric-Powered Pump 6-10 HP	Horsepower	\$	1,938.64
533	4	Pumping Plant	Electric-Powered Pump 6-10 HP	Horsepower	\$	834.95
533	5	Pumping Plant	Variable Frequency Drive	Horsepower	\$	121.98
533	6	Pumping Plant	Internal Combustion-Powered Pump <= 50HP	Horsepower	\$	813.07
533	7	Pumping Plant	Internal Combustion-Powered Pump > 50 to 70 HP	Horsepower	\$	850.26
533	8	Pumping Plant	Internal Combustion-Powered Pump > 70 HP	Horsepower	\$	698.09
533	9	Pumping Plant	Tractor Power Take Off (PTO) Pump	Horsepower	\$	170.58
533	10	Pumping Plant	Windmill-Powered Pump	Foot	\$	1,126.93
533	14	Pumping Plant	Photovoltaic-Powered Pump - Remote Locations	Kilowatt	\$	7,743.94
533	15	Pumping Plant	Water Ram Pump	Each	\$	2,857.04
533	16	Pumping Plant	Livestock Nose Pump	Each	\$	2,250.13
533	55	Pumping Plant	Electric Power Pump 10 to 30 hp	Horsepower	\$	537.25
533	56	Pumping Plant	Electric Power Pump Greater than 30 hp	Horsepower	\$	423.45
533	58	Pumping Plant	Photovoltaic Pump, Less than or equal to 1000 Watts	Kilowatt	\$	12,062.85
533	60	Pumping Plant	Photovoltaic-Powered Pump, <4 kW	Kilowatt	\$	9,406.55
533	93	Pumping Plant	Aquifer Flow Test	Hour	\$	267.91
561	1	Heavy Use Area Protection	Reinforced Concrete with sand or gravel foundation	Square Foot	\$	9.48
561	2	Heavy Use Area Protection	Rock/Gravel on Geotextile	Square Foot	\$	1.41
561	3	Heavy Use Area Protection	Rock/Gravel-GeoCell-Geotextile	Square Foot	\$	6.33
561	4	Heavy Use Area Protection	Fly Ash on Geotextile	Square Foot	\$	2.65
570	1	Stormwater Runoff Control	Combination, Most common Best Management Practices	Acre	\$	1,555.66
570	12	Stormwater Runoff Control	Rain Garden	Square Foot	\$	2.83
572	1	Spoil Disposal	Spoil Spreading	Cubic Yard	\$	3.05
560	1	Access Road	New earth road in dry, level terrain	Foot	\$	23.16
560	2	Access Road	New 6 inch gravel road in wet, level terrain	Foot	\$	35.63
560	3	Access Road	Rehabilitation of existing earth road in dry, level terrain	Foot	\$	5.23
560	4	Access Road	Rehabilitation of existing earth road in wet, level terrain	Foot	\$	7.66
560	5	Access Road	New earth road in dry, sloped terrain	Foot	\$	19.43
560	6	Access Road	New 6 inch gravel road in wet, sloped terrain	Foot	\$	31.90
560	7	Access Road	Rehabilitation of existing earth road in wet, sloped terrain	Foot	\$	4.42
560	8	Access Road	Rehabilitation of existing gravel road in wet, sloped terrain	Foot	\$	6.92
574	1	Spring Development	Spring Development	Each	\$	6,078.51
574	2	Spring Development	Spring Development - Remote Locations	Each	\$	6,678.51
578	1	Stream Crossing	Bridge	Square Foot	\$	71.38
578	2	Stream Crossing	Hard armored low water crossing	Square Foot	\$	7.01
580	1	Stream Bank and Shoreline Protection	Vegetative	Linear Foot	\$	60.03
580	2	Stream Bank and Shoreline Protection	Bioengineered	Linear Foot	\$	106.03
580	3	Stream Bank and Shoreline Protection	Structural	Linear Foot	\$	230.47
584	1	Channel Bed Stabilization	Bio-engineered	Square Foot	\$	8.11
584	2	Channel Bed Stabilization	Rock Structures	Cubic Yard	\$	121.24
584	3	Channel Bed Stabilization	Wood Structures	Each	\$	3,838.75
587	4	Structure for Water Control	Culvert <30 inches HDPE	Inch-Foot	\$	2.84
587	5	Structure for Water Control	Culvert <30 inches CMP	Inch-Foot	\$	4.30
587	6	Structure for Water Control	Slide Gate	Inch	\$	142.91
587	7	Structure for Water Control	Rock Checks for Water Surface Profile	Ton	\$	131.12
587	8	Structure for Water Control	Screw - Flap Gate	Inch	\$	140.16
587	9	Structure for Water Control	HDPE Turnout	Number	\$	902.13
587	10	Structure for Water Control	CMP Turnout	Each	\$	799.01
587	12	Structure for Water Control	Concrete Turnout Structure - Small	Each	\$	4,093.88
587	14	Structure for Water Control	Flow Meter with Mechanical Index	Inch	\$	169.80
587	15	Structure for Water Control	Flow Meter with Electronic Index	Inch	\$	316.40
587	16	Structure for Water Control	Steel Fabrication	Pound	\$	4.50
587	17	Structure for Water Control	Cleaning Screens	Pound	\$	11.55
587	18	Structure for Water Control	Sheet Piling Structure	Square Foot	\$	69.17
587	19	Structure for Water Control	Surge Valve	Each	\$	2,624.19
587	20	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	Inch	\$	468.90

587	21	Structure for Water Control	Wood irrigation Structures	Square Foot	\$	8.16
587	22	Structure for Water Control	Large, in-stream, Concrete Irrigation Water Diversion Structure	Cubic Yard	\$	2,081.39
587	23	Structure for Water Control	Pressure Regulating Station	Each	\$	4,984.93
587	24	Structure for Water Control	Culvert >= 30 inches HDPE	Diameter In-Ft	\$	2.58
587	25	Structure for Water Control	Culvert >= 30 inches CMP	Diameter In-Ft	\$	3.64
587	26	Structure for Water Control	Alfalfa, orchard valve	Inch	\$	72.77
587	27	Structure for Water Control	Inline Valve less than 12 inch	Inch	\$	94.39
587	28	Structure for Water Control	Inline valve >=12 inch	Inch	\$	234.84
587	29	Structure for Water Control	Chemigation valve <12 inch	Inch	\$	64.36
612	7	Tree/Shrub Establishment	Medium Density-Conifer	Acre	\$	675.74
612	12	Tree/Shrub Establishment	Shrub Planting	Acre	\$	345.07
614	1	Watering Facility	Permanent Drinking/Storage <500 Gallons	Gallon	\$	4.45
614	2	Watering Facility	Permanent Drinking/Storage > 500-1000 Gallons	Gallon	\$	3.64
614	3	Watering Facility	Permanent Drinking/Storage >1000-5000 Gallons	Gallon	\$	3.75
614	4	Watering Facility	Permanent Drinking/Storage >5000 Gallons	Gallon	\$	2.26
614	5	Watering Facility	Frost Free Waterer	Each	\$	1,725.93
614	6	Watering Facility	Permanent Drinking/Storage >1000-5000 Gallons - remote locations	Gallon	\$	4.05
614	19	Watering Facility	Native -Standard prep	Each	\$	659.08
614	27	Watering Facility	Non-Native - Standard prep	Gallon	\$	300.16
638	1	Water and Sediment Control Basin	WASCOB, greater than 250 CY	Cubic Yard	\$	2.90
638	2	Water and Sediment Control Basin	WASCOB topsoil	Cubic Yard	\$	3.26
638	3	Water and Sediment Control Basin	WASCOB less than 250 CY	Cubic Yard	\$	4.07
642	1	Water Well	Well <=100 Ft	Vertical Foot	\$	106.38
642	2	Water Well	Well >100-300 Ft	Vertical Foot	\$	75.87
642	3	Water Well	Well >300-600 Ft	Vertical Foot	\$	138.44
642	4	Water Well	Well >600 Ft	Vertical Foot	\$	69.36
642	5	Water Well	Dug Well	Each	\$	11,678.45
642	6	Water Well	Remote Locations	Foot	\$	85.34