

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
Access Control	472	Animal exclusion from sensitive areas	Ft	1.5	1.8
		Biosecurity Access Control	Ft	23.55	28.26
		Forest/Farm Access Control	Ft	0.13	0.16
		Hibernaculum Bat Gate	SqFt	57.1	68.51
		Navigational Delineation	Ea	563.36	676.03
		Trails/Roads Access Control	Ea	444.77	533.73
Access Road	560	New 12 In gravel road in wet, level terrain	Ft	19.74	23.68
		New 12 In gravel road in wet, sloped terrain		22.92	27.5
		New earth road in dry, level terrain.		6.86	8.23
		New earth road in dry, sloped terrain		9.5	11.4
		New geocell road in wet, level terrain		61.74	74.09
		New geocell road in wet, sloped terrain		64.93	77.91
		Rehabilitation of existing earth road in dry, level terrain		3.24	3.89
		Rehabilitation of existing earth road in wet, sloped terrain		4.00	4.80
		Rehabilitation of existing road using geocell in wet, level terrain		20.12	24.15
		Rehabilitation of existing road using geocell in wet, sloped terrain		21.08	25.29
		Rehabilitation of existing road using gravel in wet, level terrain		7.52	9.02
		Rehabilitation of existing road using gravel in wet, sloped terrain		8.47	10.17
Agrichemical Handling Facility	309	Concrete Pad for mixing and loading	SqFt	10.22	12.27
		Greenhouse, Pallet Drum Storage and Poly Pad for Handling		15.78	18.94
Agricultural Energy Management Plan	128	AgEMP 128 Large, Four Enterprise	Number	5756.67	6908
		AgEMP 128 Medium, Four Enterprise		4385.08	5262.1
		AgEMP Large, One Enterprise		2627.51	3153.01
		AgEMP Large, Three Enterprise		5052.2	6062.64
		AgEMP Large, Two Enterprises		4590.34	5508.4
		AgEMP Medium Two Enterprises		3359.55	4031.46
		AgEMP Medium, One Enterprise		1993.44	2392.13
		AgEMP Medium, Three Enterprise		3751.02	4501.22
		AgEMP Small, Four Enterprises		3506.29	4207.55
		AgEMP Small, One Enterprise		1601.98	1922.37
		AgEMP Small, Three Enterprise		2872.23	3446.68
		AgEMP Small, Two Enterprise		2480.76	2976.92
Anaerobic Digester	366	Covered Lagoon/Holding Pond	AU	81.52	97.83
		Large Complete Mix over 2500 AU		352.23	422.67
		Large Plug Flow over 2000 AU		254.95	305.94
		Medium Complete Mix 1000 to 2500 AU		516.64	619.97
		Medium Plug Flow 1000 to 2000 AU		381.75	458.1
		Small Complete Mix upto 1000 AU		538.77	646.53
		Small Plug Flow upto 1000 AU		536.32	643.58
Animal Mortality Facility	316	Incineration 50 to 100 CF chamber	CuFt	196.42	235.7
		Incineration over 100 CF Chamber	CuFt	103.32	123.99

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		Incineration up to 50CF Chamber	CuFt	218.56	262.27
		Invessel Rotary Drum < 700 CF	CuFt	77.93	93.52
		Invessel Rotary Drum => 700 CF	CuFt	41.58	49.9
		Static pile, Concrete Bin(s)	SqFt	11.96	14.35
		Static pile, Concrete Pad	SqFt	5.03	6.04
		Static pile, Gravel pad	SqFt	1.88	2.25
		Static pile, Wood Bin(s)	SqFt	11.76	14.11
Aquatic Organism Passage	396	Alaskan Steeppass	Ft	9,793.70	11,752.44
		Blockage Removal	CuYd	100.75	120.90
		Bridge, CIP Abutment	Ft	1,881.32	2,257.59
		Bridge, Precast Abutment	Ft	1,488.44	1,786.13
		Bridge, Prefabricated	Ft	1,865.29	2,238.34
		CMP Culvert	Ft	684.60	821.53
		Complex Denil	Ft	42,747.80	51,297.36
		Concrete Box Culvert	Ft	1,702.84	2,043.41
		Concrete Dam Removal	CuYd	397.22	476.66
		Concrete Ladder	Ft	12,795.33	15,354.40
		Earthen Dam Removal	CuYd	123.50	148.20
		Low Water Crossing	CuYd	210.48	252.58
		Nature-Like Fishway	Ft	106.56	127.88
		Step Pool Weir	CuYd	89.21	107.05
		Stream Simulation Culvert - no Headwall	Ft	1,127.70	1,353.24
		Stream Simulation Culvert -with Headwall	Ft	1,928.15	2,313.78
Bivalve Aquaculture Gear and Biofouling Control	400	Epifaunal-Bags Only-Yrs.2&3	Ea	407.82	489.38
		Epifaunal-Cage Cycling-Yrs.2&3	Ea	1,514.75	1,817.70
		Epifaunal-Trip- Cage Cyc-Yrs.2&3	Ea	815.63	978.76
		Infaunal Culture Yrs 2&3	Ac	466.08	559.29
Brush Management	314	Brush Hog	Ac	108.05	129.66
		Chemical Difficult Control		760.06	912.07
		Chemical Moderate		380.75	456.90
		Chemical Moderate & Followup		706.69	848.02
		Chemical, Difficult & Followup		1,120.28	1,344.34
		Light Mechanical		292.30	350.76
		Mechanical Chemical		795.46	954.55
		Medium Mechanical		493.60	592.32
Building Envelope Improvement	672	Greenhouse Screens <= 10,000 sq. ft.	SqFt	1.68	2.01
		Greenhouse Screens > 10,00 sq.ft.		1.51	1.81
		Greenhouse Solid Insulation		0.91	1.09
		Slab/floor insulation in cold storage.		0.94	1.13
		Wall Insulation		1.75	2.1
Combustion System Improvement	372	IC Engine Repower, < 50 bhp	BHP	155.79	186.95
		IC Engine Repower, >=200 bhp		132.96	159.55
		IC Engine Repower, 100-199 bhp		160.02	192.03
		IC Engine Repower, 50-99 bhp		153.74	184.49
Composting Facility	317	Composter, conc block bins	SqFt	13.32	15.98
		Composter, concrete bins		20.9	25.08
		Composter, Drum		148.67	178.41
		Composter, gravel pad		1.8	2.17
		Composter, timber bins		16.39	19.67
		Composter, windrow, asphalt		3.34	4.01
		Composter, windrow, concrete		5.18	6.22
		Urban/Peri-Urban Composter		32.89	39.47
Comprehensive Nutrient Management Plan	102	Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU	Number	9107.89	10929.46
		Dairy Operation Greater Than or Equal to 700 AU with Land Application		10127.28	12152.74

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
		Dairy Operation Less Than 300 AU with Land Application		7971.47	9565.77
		Livestock Operation Greater Than 300 AU without Land Application		7154.21	8585.05
		Livestock Operation Less Than 300 AU without Land Application		5758.1	6909.71
		Non-Dairy Operation Greater Than or Equal to 300 AU and Less Than 700 AU without Land Application		8228.36	9874.03
		Non-Dairy Operation Greater Than or Equal to 700 AU with Land Application		9939.86	11927.83
		Non-Dairy Operation Less Than 300 AU with Land Application		6387.94	7665.53
Conservation Cover	327	Intensive Pollinator Habitat	Ac	823.21	987.85
		Introduced, Cool-Season		194.55	233.46
		Introduced, Cool-Season, Foregone Income		540.91	579.82
		Introduced, Cool-Season, Organic		148.11	177.73
		Introduced, Cool-Season, Organic, Foregone Income		494.47	524.09
		Monarch Habitat/Milkweed		1596.37	1915.65
		Native, Warm Season		432.83	519.39
		Native, Warm-Season, Foregone Income		852.22	938.79
		Pollinator Habitat		474.89	569.86
Conservation Crop Rotation	328	Agronomic Rotation	Ac	20.97	25.17
		Organic Rotation		41.95	50.34
		Specialty Crops		93.22	111.86
Conservation Plan Supporting Organic Transition	138	Conservation Plan Supporting Organic Transition CAP	Number	2398.92	2878.71
		Conservation Plan Supporting Organic Transition CAP No Local TSP		3744.66	4493.59
Contour Buffer Strips	332	332-Introduced, Inc Forgone	Ac	441.57	460.61
		332-Introduced-High Value Cropland		1203.29	1217.25
		332-Native, Inc Forgone		544.65	584.31
		332-Native, Inc Forgone-High Value Cropland		1331.78	1371.44
		332-Organic Seed, Inc Forgone		566.09	595.43
		332-Organic Seed-High Value Cropland		1388.29	1405.25
		332-Wildlife/Pollinator, Inc Forgone		544.65	584.31
		332-Wildlife/Pollinator-High Value Cropland		1,331.78	1,371.44
Contour Farming	330	Contour Farming	Ac	12.04	14.45
Cover Crop	340	Cover Crop Adaptive Mgt	Ac	376.39	451.66
		Interseed		38.94	46.73
		Organic Legume - Soil Health		99.73	119.68
		Single Species		66.80	80.16
		Soil Health 5 species		82.39	98.87
Critical Area Planting	342	Cool Season	Ac	385.2	462.24
		Cool Season, Extra Site Preparation		921.05	1105.26
		Hydroseeding		2071.8	2486.16
		Hydroseeding, Extra Site Preparation		2558.18	3069.81
		Warm Season		487.81	585.37
		Warm Season, Extra Site Preparation		1023.66	1228.39
Deep Tillage	324	Deep Tillage less than 36 Ines	Ac	34.14	40.97
Dike	356	Cranberry Mineral Soils	CuYd	5.26	6.31
		Cranberry Organic Soils		6.12	7.35
		Material haul 1 mile or less		5.5	6.6
		Material haul over 1 mile		6	7.2
Diversion	362	Diversion	Ft	4.16	4.99
Drainage Water Management Plan	130	DWMP - No Tile Map Available	Number	2459.81	2951.77
		DWMP - Tile Map Available		2062.65	2475.17
Early Successional Habitat Development/Management	647	Biomass Harvest	Ac	409.52	491.42
		Heavy Mechanical High intensity cut		1188.96	1426.75
		Light Brush hogging		84.55	101.46
		Light Mechanical		302.56	363.07
		Medium Mechanical		545.73	654.88
		Mowing with foregone income		141.04	153.26

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Emergency Animal Mortality Management	368	Burial	AU	102.30	122.76
		In-House Composting		68.29	81.95
Farmstead Energy Improvement	374	Automatic Controller System	Ea	1168.83	1402.6
		Compressor Heat Recovery	Ea	2712.99	3255.58
		Evaporator defrost heater control	Ea	601.44	721.72
		Evaporator Oil-Fired, Parametric Control	SqFt	629.51	755.41
		Evaporator Wood-Fired, Air Injected	SqFt	297.5	357
		Evaporator Wood-Fired, Gasifier	SqFt	557.55	669.06
		Greenhouse Step Controller System	Ea	738.91	886.69
		Heating (Building)	kBTU/Hr	22.24	26.69
		High Efficiency Hot Water Heater	Ea	2218.82	2662.58
		Motor Upgrade = 1 HP	Ea	479.52	575.42
		Motor Upgrade > 1 and < 10 HP	Ea	702.2	842.64
		Motor Upgrade 10 - 100 HP	Ea	3004.51	3605.41
		Plate Cooler	Ea	3801.04	4561.25
		Reverse Osmosis >250 - <1000 GPH	Gal/Hr	17.35	20.82
		Reverse Osmosis >= 1000 GPH	Gal/Hr	14.07	16.89
		Root Zone Heating - Greenhouse In-Ground Distribution	Ft	3.32	3.98
		Scroll Compressor	HP	1253.17	1503.81
		Steam Enhanced PreHeater <= 24 SF	SqFt	310.36	372.43
		Steam Enhanced PreHeater > 24 SF	SqFt	212.69	255.23
		Variable Speed Drive < = 10 HP	HP	706.51	847.81
		Variable Speed Drive > 10 HP	HP	158.95	190.74
		Ventilation - 18 In Exhaust	Ea	444.40	533.28
		Ventilation - 24 In Exhaust	Ea	566.86	680.23
		Ventilation - 36 In Exhaust	Ea	905.46	1,086.55
Ventilation - 48 In Exhaust	Ea	1,072.69	1,287.22		
Feed Management Plan	108	Feed Management Plan	Number	1861.46	2233.75
		Feed Management Plan--Dairy Groups		236.16	283.39
Fence	382	2-4 Wire Electrified, High Tensile	Ft	1.95	2.34
		5-6 Wire, Electrified, High Tensile		2.18	2.62
		Barbed Wire		2.26	2.72
		Chain Link/Safety		11.19	13.42
		Confinement--Heavy Board		6.68	8.02
		Interior, electrified		0.91	1.09
		Portable		0.49	0.58
		Woven Wire		3.18	3.81
Field Border	386	Field Border, Introduced	Ac	179	214.8
		Field Border, Introduced, Inc Forgone		525.35	561.15
		Field Border-Native		284.95	341.94
		Field Border-Native, Inc Forgone		631.31	688.3
		Field Border-Organic Seed		159.47	191.37
		Field Border-Organic Seed, Inc Forgone		578.87	610.76

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
		Field Border-Pollinator		228.53	274.23
		Field Border-Pollinator, Inc Forgone		574.89	620.59
		Field Border-Tree		527.71	633.25
		Field Border-Tree, Inc. Forgone		874.06	979.61
Filter Strip	393	Filter Strip, Introduced species	Ac	179	214.8
		Filter Strip, Introduced Species w/ Land Shaping: Forgone Income		879.35	985.95
		Filter Strip, Introduced species: Forgone Income		525.35	561.15
		Filter Strip, Native species		172.41	206.89
		Filter Strip, Native Species w/ Land Shaping: Forgone Income		885.84	993.73
		Filter Strip, Native species: Forgone Income		518.77	553.25
		Filter Strip, Organic Introduced species		130.3	156.37
		Filter Strip, Organic Introduced species: Forgone Income		549.7	575.76
		Introduced Species Filter Strip w/ Land Shaping		533	639.59
		Native Species Filter Strip w/ Land Shaping		526.41	631.69
		Organic Introduced Species Filter Strip w/Land Shaping		484.3	581.16
		Organic Introduced Species Filter Strip w/Land Shaping: Forgone Income		903.7	1000.56
Firebreak	394	Constructed - Medium equipment, flat-medium slopes	SqFt	0.02	0.02
		Constructed - Medium equipment, steep slopes		0.08	0.09
		Constructed Wide, bladed or disked firebreak		0.03	0.04
		Vegetated permanent firebreak		0.01	0.02
Fish and Wildlife Habitat Plan	142	Fish and Wildlife Habitat Management CAP	Number	2510.43	3012.51
Forage and Biomass Planting	512	Cool Season, Establish or Reseed	Ac	364.88	437.86
		Cool Season, Establish or Reseed, Foregone Income		646.89	719.87
		Cool Season, Establish or Reseed, Organic		421.87	506.24
		Cool Season, Establish or Reseed, Organic, Foregone Income		776.92	861.29
		Rejuvenate		285.82	342.99
		Warm Season, Native, Establish or Reseed		477.28	572.74
		Warm Season, Native, Establish or Reseed, Foregone Income		759.29	854.75
Forage Harvest Management	511	Improved Forage Quality	Ac	2.88	3.46
		Organic Preemptive Harvest		13.55	14.13
Forest Management Plan	106	FMP 101 to 250 Acs	Number	2412.3	2894.76
		FMP 21 to 100 Acs		1346.4	1615.68
		FMP 251 to 500 Acs		3478.2	4173.84
		FMP 501 to 1000 Acs		4039.2	4847.04
		FMP Greater Than 1000 Acs		5049	6058.8
Forest Stand Improvement	666	Creating Small Patch Clearcuts	Ac	513.8	616.56
		Girdling		224.1	268.92
		Pre-commercial Thinning - Hand tools		550.72	660.86
		Thinning for Wildlife and Forest Health		439.79	599.72
		Tree Marking		69.73	83.67
Forest Trails and Landings	655	Grading and Shaping with Vegetative Establishment	Ft	2.99	3.59
		Re-Route Sections	Ft	10.49	12.58
		Temporary Stream Crossing	Ea	774.33	929.2
		Trail and Landing Installation	Ft	1.78	2.14
		Trail Erosion Control w/o Vegetation, Slopes < 35%	Ft	2.92	3.51
		Trail Layout	Ft	0.12	0.15
Grade Stabilization Structure	410	Catch Basin and Pipe =< 24 In	Ea	5,052.05	6,062.46
		Catch Basin and Pipe >24 In	Ea	8,792.40	10,550.88
		Check Dams	Ton	47.21	56.65
		Concrete Weir	SqFt	208.31	249.98
		Embankment, Pipe <= 6 In	CuYd	4.72	5.66
		Log Drop Structures	Ea	4,920.72	5,904.86
		Pipe Drop, Plastic	SqFt	24.98	29.98
		Pipe Drop, Steel	SqFt	24.69	29.62
		Rock Chute	CuYd	71.94	86.33
		Rock Drop Structures	SqFt	76.38	91.65
		Sheetpile Weir	SqFt	210.26	252.32
		Weir Drop Structures	SqFt	84.80	101.77
Grassed Waterway	412	Base Waterway	SqFt	0.19	0.23
		Base Waterway, Seeding		0.22	0.26
Grazing Management Plan	110	Grazing Management Plan 100 to Less Than 1500 Acs	Number	2448.94	2938.73
		Grazing Management Plan 1500 - 5000 Acs		4,081.57	4,897.88
		Grazing Management Plan Greater Than 5000 Acs		5,247.73	6,297.27
		Grazing Management Plan Less Than 100 Acs		932.93	1,119.52

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Groundwater Testing	355	Basic Water Test	Ea	40.85	49.02
		Full Spectrum Test		198.16	237.8
		Specialty Water Test		162.65	195.18
Heavy Use Area Protection	561	Asphalt Pad (Heavy Load)	SqFt	4.14	5.10
		Asphalt Pad (Light Load)	SqFt	3.61	4.45
		Concrete with Curb over 1000 SF	SqFt	7.05	8.68
		Concrete with Curb upto 1000 SF	SqFt	7.81	9.61
		Concrete without Curb over 1000 SF	SqFt	4.27	5.26
		Concrete without Curb upto 1000 SF	SqFt	5.08	6.26
		Curb with Fter	Ft	39.98	49.2
		Curb without Fter	Ft	21.10	25.97
		Gravel - Pad	SqFt	2.48	3.06
Hedgerow Planting	422	Contour	Ft	2.94	3.53
		Pollinator Habitat		2.77	3.32
		Wildlife, Warm Season Grass		2.96	3.55
Herbaceous Weed Control	315	High Density with Follow Up	Ac	621.55	745.86
		Intensive		485.34	582.41
		Low Density		55.18	66.22
		Low Density with Follow Up		98.61	118.34
		Moderate Density		219.42	263.3
		Moderate Density with Follow Up		355.62	426.75
High Tunnel System	325	Contiguous US Snow	SqFt	3.91	4.69
		Moveable US Snow		4.11	4.93
Integrated Pest Management (IPM)	595	Advanced Field All RCs	Ac	27.46	32.95
		Advanced IPM Fruit Veg All RCs	Ac	153.22	183.86
		Advanced IPM Orchard All RCs	Ac	241.44	289.73
		Advanced IPM Sm Farm All RCs	Ea	919.29	1103.15
		Basic IPM Field 1RC	Ac	13.73	16.48
		Basic IPM Field over 1RC	Ac	18.57	22.29
		Basic IPM Fruit Veg 1RC	Ac	77.47	92.96
		Basic IPM Fruit Veg over 1RC	Ac	100.02	120.02
		Basic IPM Orchard 1RC	Ac	100.02	120.02
		Basic IPM Orchard over 1RC	Ac	153.22	183.86
		IPM Sm Farm 1RC	Ea	468.26	561.91
		IPM Sm Farm over 1RC	Ea	612.86	735.43
		Risk Prevention IPM All RCs	Ac	128.68	154.42
		Integrated Pest Management Plan	114	IPM Management CAP Large - Greater Than 250 Acs	Number
IPM Management CAP Medium 51 - 250 Acs	1,857.06			2,228.47	
IPM Management CAP Small-Specialty Less Than 50 Acs	1,450.83			1,740.99	
IPM Herbicide Resistance Weed Conservation Plan	154	IPM Herbicide Resistance Weed Management CAP Large - Greater Than	Number	3481.99	4178.38
		IPM Herbicide Resistance Weed Management CAP Medium 51 - 250 Acs		2263.29	2715.95
		IPM Herbicide Resistance Weed Management CAP Small-Specialty Less		1740.99	2089.19
Irrigation Pipeline	430	HDPE (Iron Pipe Size & Tubing) 10in or more diameter	Lb	2.03	2.44
		HDPE (Iron Pipe Size & Tubing) 8in or less diameter	Lb	2.78	3.34
		Horizontal Boring	Ft	114.65	137.58
		PVC (Iron Pipe Size) 10in or more diameter	Lb	1.74	2.09
		PVC (Iron Pipe Size) 10in or more diameter with 4 in sand bedding	Lb	1.77	2.12
		PVC (Iron Pipe Size) 8in or less diam	Lb	2.57	3.09
		PVC (Iron Pipe Size) 8in or less diameter with 4 in sand bedding	Lb	2.69	3.23
		Surface HDPE (Iron Pipe Size & Tubing)	Lb	2.59	3.11

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Irrigation Reservoir	436	Embankment Dam with On-Site Borrow	CuYd	4.21	5.06		
		Embankment Reservoir over 30 Ac-Feet	CuYd	3.48	4.18		
		Embankment Reservoir under 30 Ac-Feet	CuYd	3.46	4.15		
		Excavated Spread Off Site	CuYd	6.49	7.79		
		Excavated Spread On Site	CuYd	5.24	6.29		
		Excavated Tailwater Pit	CuYd	1.81	2.18		
		Fiberglass Tank	Gal	0.87	1.05		
		Plastic Tank	Gal	1.40	1.68		
		Plastic Tank Buried	Gal	1.56	1.87		
		Steel Tank	Gal	1.14	1.36		
		Tailwater Recovery Greenhouse	Gal	3.44	4.13		
Irrigation System, Microirrigation	441	Automated Surface Permanent PE Tube with Media Filter Laterals 14 ft oc	Ac	1,711.42	2,053.70		
		Automated Surface Permanent PE Tube with Media Filter Laterals 9 ft oc	Ac	2,228.34	2,674.01		
		Hoop House Surface Microirrigation	SqFt	0.15	0.18		
		Microjet with Filter	Ac	2,065.13	2,478.16		
		Multiple Outlet Drip	SqFt	0.33	0.40		
		Surface Permanent PE Tube Disk or Screen Filter Laterals 9 ft oc	Ac	1,846.54	2,215.84		
		Surface Permanent PE Tube with Disk or Screen filter laterals 14 ft oc	Ac	1358.86	1630.63		
		Surface Permanent PE Tube with Media Filter Laterals 14 ft oc	Ac	1612.19	1934.63		
		Surface Permanent PE tube with Media Filter Laterals 9 ft oc	Ac	2099.87	2519.84		
		Surface Tape <5 Acs	Ac	2244.07	2692.89		
		Surface Tape > or = 5 Acs	Ac	1455.88	1747.06		
		Irrigation System, Surface and Subsurface	443	Flood (Ebb and Flow) Bench Irrigation	SqFt	3.75	4.5
				Flood Floor Irrigation		5.01	6.01
Irrigation Water Management	449	Advanced IWM = 30 Acs	Ac	46.61	55.93		
		Advanced IWM > 30 Acs	Ac	15.91	19.09		
		Basic IWM = 30 Acs	Ac	27.97	33.56		
		Basic IWM > 30 Acs	Ac	10.19	12.23		
		Cranberry Auto Start	Ea	6456.73	7748.07		
		Intermediate IWM = 30 Acs	Ac	37.29	44.75		
		Intermediate IWM > 30 Acs	Ac	13.05	15.66		
		IWM w weather station	Ea	3878.77	4654.53		
		Soil Moisture Sensors with Data Recorder_1stYear	Ea	1426.23	1711.47		
		Soil Moisture Sensors_1st Year	Ea	1085.92	1303.11		
Irrigation Water Management Plan	118	Irrigation Water Management Conservation Activity Plan CAP	Number	2464	2956.8		
Land Smoothing	466	Cranberry Bog Leveling	Ac	451.91	542.29		
		Minor Shaping		85.31	102.37		
Lined Waterway or Outlet	468	Concrete	SqFt	5.21	6.25		
		Concrete Block	SqFt	3.56	4.27		
		Geocell	SqFt	3.83	4.6		
		Membrane	SqFt	5.27	6.32		
		Riprap	CuYd	59.72	71.67		
		Stone Centered Grassed Waterway	SqFt	0.87	1.05		
		Turf Reinforced Matting	SqFt	0.58	0.69		
Livestock Pipeline	516	1 to 2 in. Dia. PE Pipe, Buried 4ft Deep w/ sand bedding	Ft	6.41	7.7		
		PE Pipe between 1 and 2 in. Dia., Above Ground		1.38	1.66		
		PE Pipe between 1 and 2 in. Dia., Buried 2ft Deep		1.88	2.26		
		PE Pipe between 1 and 2 in. Dia., Buried 4 ft Deep		2.62	3.15		
		PE Pipe greater or equal to 2 in. Dia., Buried 4ft Deep		3.10	3.72		
		PE Pipe greater or equal to 2in. Dia., Buried 2ft Deep		2.37	2.84		
		PE Pipe greater than or equal to 2in Dia., Buried 4ft Deep w/ sand bedding		6.90	8.28		
		PE Pipe less than or equal to 1 in. Dia., Buried 4 ft Deep		2.20	2.64		
		PE Pipe less than or equal to 1 in. Dia., Buried 4ft Deep w/sand bedding		5.99	7.19		
		PE Pipe less than or equal to 1in. Dia., Above Ground		0.96	1.15		
		PE Pipe less than or equal to 1in. Dia., Buried 2ft Deep		1.46	1.75		
		PE Pipegreater or equal 2in. Dia., Above Ground		2.06	2.47		
		Mulching	484	Aggregate	kSqFt	154.93	185.92

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
		Erosion Control Blanket	kSqFt	118.3	141.96
		Straw or Hay, Manual Application	Ac	432.79	519.35
		Straw or Hay, Mechanical Application	Ac	176.25	211.5
		Synthetic Material	Ac	246.56	295.88
		Tree and Shrub	Ea	0.91	1.09
Nutrient Management	590	Adaptive NM	Ea	1370.28	1644.34
		Basic Field Crops NM system with manure injected	Ac	59.17	71.01
		Basic Field Crops NM system with manure surface applied	Ac	18.93	22.72
		Basic Fruit Vegetable NM System	Ac	19.1	22.93
		Basic Field Crops NM System with no manure	Ac	15.04	18.05
		Enhanced Field Crops Nutrient Mgt	Ac	20.39	24.47
		Organic or Enhanced Fruit and Vegetable Nutrient Mgt	Ac	24.94	29.93
		Seasonal High Tunnel Nutrient Management	Ea	64.86	77.83
		Small Farm/Diversified	Ea	275.11	330.13
Nutrient Management Plan	104	Nutrient Management CAP 104 - 101-300 Acs (Element of a CNMP)	Number	4062.32	4874.78
		Nutrient Management CAP 104- 101-300 Acs (Not part of a CNMP)		2321.32	2785.59
		Nutrient Management CAP 104 Greater Than 300 Acs (Element of a CNM		4932.81	5919.38
		Nutrient Management CAP 104 Greater Than 300 Acs (Not part of a CNM		2901.65	3481.99
		Nutrient Management CAP 104 Less Than or Equal to 100 Acs (Element of a		2901.65	3481.99
		Nutrient Management CAP Less Than or Equal to 100 Acs (Not part of a C		1740.99	2089.19
Obstruction Removal	500	Concrete Slab Removal	SqFt	2.86	3.43
		Removal and Disposal of Brush and Trees over 6 In Diameter	Ac	1761.51	2113.82
		Removal and Disposal of Brush and Trees upto 6 In Diameter	Ac	881.41	1057.69
		Removal and Disposal of Fence	Ft	0.75	0.9
		Removal and Disposal of Rock and or Boulders	Ac	2652.22	3182.67
		Removal and Disposal of Steel and or Concrete Structures	SqFt	11.73	14.08
		Removal and Disposal of Wood Structures	SqFt	5.87	7.04
		Rock Excavation	CuYd	31.73	38.08
Open Channel	582	Cranberry By-Pass Channel	CuYd	5.28	6.33
		Cranberry By-Pass Channel with Rock		6.69	8.02
Pollinator Habitat Plan	146	Pollinator Habitat Enhancement Plan CAP	Number	2510.43	3012.51
		Pollinator Habitat Enhancement Plan CAP - No Local TSP		3646.1	4375.31
Pond	378	Excavated Pit	CuYd	6.90	8.28
Pond Sealing or Lining, Flexible Membrane	521A	Flexible Membrane Liner greater than 15K Square Feet	SqFt	1.28	1.54
		Flexible Membrane Liner less than 15K Square Feet		1.74	2.09
Pond Sealing or Lining, Bentonite Sealant	521C	Bentonite Treatment - Uncovered	CuYd	53.96	64.75
		Bentonite Treatment - Covered		57.30	68.76
Pond Sealing or Lining, Compacted Clay Treatment	521D	Material haul > 1 mile	CuYd	9.77	11.72
		Material haul < 1 mile		10.46	12.55
Prescribed Burning	338	Steep Terrain, Volatile fuels >4 ft tall, <10% Canopy Cover	Ac	427.07	512.49
		Understory Burn		584.83	701.79
		Volatile Fuel Burn		858.92	1,030.71
Prescribed Burning Plan	112	Prescribed Burning Plan 101-250 Acs	Number	673.20	807.84
		Prescribed Burning Plan 21-100 Acs		448.80	538.56
		Prescribed Burning Plan 251-500 Acs		897.60	1,077.12
		Prescribed Burning Plan 501-1000 Acs		1,122.00	1,346.40
		Prescribed Burning Plan Greater Than 1000 Acs		1,346.40	1,615.68
		Prescribed Burning Plan Less Than or Equal to 20 Acs		280.50	336.60
Prescribed Grazing	528	Deferred grazing	Ac	34.80	37.60
		Intensive		104.26	125.12
		Twice weekly moves		90.41	108.49
		Weekly moves		28.91	34.69
Pumping Plant	533	Electric Powered Pump less than 3 Hp	BHP	1,327.69	1,593.23
		Electric Powered Pump Less Than 3 HP with Pressure Tank	BHP	1,675.44	2,010.53
		Electric-Powered Pump 10 to 40 HP	BHP	451.76	542.11

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
		Electric-Powered Pump 3 up to less than 10 HP	BHP	633.94	760.72
		Electric-Powered Pump 3 up to less than 10 HP with Pressure Tank	BHP	699.54	839.44
		Electric-Powered Pump over 40 HP	BHP	313.84	376.61
		Hollow Piston Manure Pump	Ea	21,223.29	25,467.94
		Internal Combustion Powered Pump less than 7½ HP	BHP	637.57	765.09
		Internal Combustion-Powered Pump 7½ to 75 HP	BHP	522.01	626.41
		Internal Combustion-Powered Pump over 75 HP	BHP	316.75	380.10
		Livestock Nose Pump	Ea	969.31	1,163.18
		Manure PTO Vertical Shaft Pump	Ea	10771.93	12926.31
		Photovoltaic-Powered Pump 0.25 HP	Ea	3391.47	4069.77
		Photovoltaic-Powered Pump 0.5 to 1.0 HP	Ea	7960.03	9552.04
		Photovoltaic-Powered Pump 1.5 HP	Ea	11026.39	13231.66
		PTO Lagoon Trailer Pump	Ea	10956.94	13148.33
		PTO Side Mounted over 50,000 CF	Ea	15643.3	18771.96
		PTO Side Mounted upto 50,000 CF	Ea	10606.42	12727.7
		Solid Piston Manure Pump	Ea	35266.43	42319.72
		Solids Handling Waswater Pump over 2Hp	Ea	6234.68	7481.61
		Solids Handling Waswater Pump upto 2Hp	Ea	3233.01	3879.62
		Tractor Power Take Off (PTO) Pump	BHP	147.06	176.47
		Variable Frequency Drive 10HP or less	HP	807.14	968.57
		Variable Frequency Drive over 10HP	HP	254.17	305.01
Residue and Tillage Management, No-Till	329	No Till Adaptive Management	Ac	316.08	379.3
		No-Till/Strip-Till		15.08	18.1
Residue and Tillage Management, Reduced Till	345	Reduced till-Adaptive Mgt	Ac	301	361.2
		Reduced till-Basic		34.95	41.94
		Reduced till-Drill Only		16.02	19.22
Restoration and Management of Rare and Declining Habitats	643	Creation of Oyster Reef Coastal Pond	Ea	54.03	64.83
		Development of Deep Micro-Topographic Features with Heavy Equipment	Ac	87.04	104.45
		Development of Shallow Micro-Topographic Features with Normal Farming	Ac	31.38	37.66
		Flash Grazing for Bog Turtle Habitat Restoration	Ac	589.38	707.25
		Oyster Reef Barge Crane	Ac	14942.18	17930.62
		Reef Creation-Live Oysters and Cultch	Ea	264.32	317.18
		Vernal Pool Creation	Ac	8100.14	9720.17
Riparian Forest Buffer	391	Bare Root, All Shelters	Ac	1944.55	2333.46
		Bare Root, Half Shelters		1693.39	2032.07
		Bare Root, No Shelters		1442.23	1730.68
		High Risk Areas		5732.13	6809.28
		Small Container		4676.87	5542.97
Riparian Herbaceous Cover	390	Aquatic Wildlife	Ac	2026.23	2431.47
		Plugging and Seeding		18477.86	22173.43
		Warm Season Grass w/ Forbs		817.3	980.76
Road/Trail/Landing Closure and Treatment	654	Road/Trail Abandonment/Rehabilitation (Light)	Ft	2.76	3.32
		Road/Trail removal and restoration (Vegetative)		2.47	2.96
		Road/Trail/Landing Closure and Treatment, <35% hillslope		5.48	6.57
		Road/Trail/Landing Closure and Treatment, >35% hillslope		8.68	10.41
Roof Runoff Structure	558	Concrete Swale	Ft	13.94	16.72
		Roof Gutter, Large		17.05	20.46
		Roof Gutter, Small		6.59	7.9
		Trench Drain, 4 in.		10.91	13.09
		Trench Drain, 6 in.		11.49	13.79
		Trench Drain, 8 in.		12.05	14.47
Roofs and Covers	367	Fabric Roof with Concrete Foundation	SqFt	11.63	13.96
		Fabric Roof with No Foundation		5.34	6.41
		Fabric Roof with Timber Foundation		9.18	11.02
		Permeable Composite or Inorganic Cover		5.85	7.01

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
		Pump Building with No Foudation upto 300 SF		9.46	11.35
		Small Timber Framed Roof with No Foundation < 1000 SF		12.42	14.9
		Steel Frame and Cover with Concrete Foundation		14.41	17.29
		Timber Framed Roof with Concrete Foundation		15.36	18.43
		Timber Framed Roof with No Foundation		9.3	11.16
		Timber Framed Roof with Timber Foundation		11.98	14.38
Sediment Basin	350	Embankment earthen basin with no pipe	CuYd	2.04	2.44
		Embankment earthen basin with pipe		4.41	5.29
		Excavated basin		2.11	2.53
Silvopasture Establishment	381	Commercial thinning with establishment of introduced grasses.	Ac	332.76	399.32
		Non-commercial thinning with establishment of introduced grasses.		468.94	562.73
		Non-commercial thinning with establishment of native grasses.		468.94	562.73
Spring Development	574	Perforated Well Tile Development	Ea	1608.03	1929.64
		Solid Well Tile & Pipe Development		3463.62	4156.34
Sprinkler System	442	Center Pivot System < or =1000 LF	Ft	64.42	77.31
		Center Pivot System > 1000 LF	Ft	59.11	70.93
		Center Pivot or Linear Move Renozzling < or = 1,000 LF	Ft	11.33	13.6
		Center Pivot or Linear Move Renozzling > 1000 LF	Ft	10.73	12.88
		Cranberry Replace	Ac	3232.2	3878.64
		Cranberry Retrofit	Ac	860.3	1032.36
		Lateral Move System < or = 1000 LF	Ft	92.26	110.71
		Lateral Move System > 1000 LF	Ft	82.96	99.55
		Pod System	Ea	193.25	231.9
		Solid Set System	Ac	3620.24	4344.29
		Traveling Gun System, < 2' Hose	Ea	9778.69	11734.43
		Traveling Gun System, > 3 In Hose	Ea	34762.34	41714.81
		Traveling Gun System, 2 In to 3 In Hose	Ea	17569.44	21083.32
		Wheel Line System	Ft	12.83	15.4
Stormwater Runoff Control	570	Combination, Most common Best Management Practices	Ac	588.46	706.15
		Silt Fence	Ft	1.27	1.53
Stream Crossing	578	Bridge with a span of less than or equal to 14 feet	SqFt	55.73	66.87
		Bridge with cast in place abutments, span > 14 feet	Ft	1838.22	2205.86
		Bridge with precast abutments, span > 14 feet	Ft	1445.34	1734.4
		Bridge, Light Weight Timber	SqFt	23.64	28.37
		Bridge, prefabricated	Ft	1875.77	2250.93
		Concrete Box Culvert	Ft	1639.91	1967.9
		Culvert Installation, >30 In diameter	InFt	2.69	3.23
		Low water crossing using prefabricated products	SqFt	9.02	10.83
		Low Water Crossing, Riprap	CuYd	79.85	95.82
		Low Water Crossing, River Rock	CuYd	89.97	107.96
		Stream Simulation Culvert, with Headwalls	Ft	1865.22	2238.26
		Stream Simulation Culvert, without Headwalls	Ft	1096.24	1315.48
Stream Habitat Improvement and Management	395	Boulder Placement	CuYd	198.79	238.55
		Complex Stream Structure	CuYd	421.00	505.20
		Conifer Tree Revetment	CuYd	51.34	61.61
		Constructed Log Jam	CuYd	66.74	80.08
		Instream rock placement	Ac	11,255.74	13,506.88
		Instream soft wood placement	Ac	3,102.90	3,723.48
		Instream wood placement	Ac	12,907.77	15,489.32
		Riparian Zone Improvement-Forested	Ac	8,474.11	10,168.94
		Rock and wood structures	Ac	23,360.79	28,032.95
		Stream Restoration - High	Ac	217,657.10	261,188.52
		Stream Restoration - Low	Ac	90,813.08	108,975.69
		Stream Restoration - Moderate	Ac	135,757.51	162,909.02
Streambank and Shoreline Protection	580	Bioengineered	SqFt	2.98	3.58
		Riprap	CuYd	62.3	74.76
Stripcropping	585	Stripcropping for water erosion	Ac	12.48	14.98

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
Structure for Water Control	587	Catch Basin, 3 ft width	VFt	214.5	257.4
		Catch Basin, 5 ft diameter	VFt	388.71	466.45
		CMP Turnout	Ea	602.8	723.36
		Commercial Inline Flashboard Riser	InFt	4.43	5.32
		Concrete Turnout Structure	Ea	8033.38	9640.06
		Concrete Turnout Structure - Small	Ea	1038.53	1246.24
		Culvert <30 Ines CMP	InFt	1.95	2.34
		Culvert <30 Ines HDPE	InFt	1.67	2
		Fish Screen > 400gpm	Ea	2018.56	2422.27
		Fish Screens <= 400 gpm	Ea	1115.17	1338.21
		Flap Gate	Ft	1355.73	1626.88
		Flap Gate w/ Concrete Wall	CuYd	954.64	1145.57
		Flow Meter with Electronic Index	In	284.5	341.4
		Flow Meter with Electronic Index & Telemetry	In	365.98	439.17
		Flow Meter with Mechanical Index	In	149.64	179.57
		Inlet Flashboard Riser, Metal	InFt	2.75	3.3
		Inline Flashboard Riser, Metal	InFt	2.89	3.47
		In-Stream Structure for Water Surface Profile	Ft	232.28	278.74
		Rock Checks for Water Surface Profile	Ton	48.01	57.61
		Slide Gate	Ft	1560.09	1872.11
Structures for Wildlife	649	3-Chamber Bat House	Ea	143.18	171.81
		Bat House - Large, Single Chamber		109.19	131.02
		Brush Pile - Large		114.79	137.75
		Nesting Box or Rapture Perch, Large, with Pole		186	223.2
		Nesting Box, Large		63.87	76.65
		Nesting Box, Small no pole		32.79	39.35
		Nesting Box, Small, with wood pole		48.97	58.77
		Osprey/Eagle Nesting Platform		797.8	957.36
		Subsurface Drain	606	4 In PVC Fting Drain w/ geotextile fabric	Ft
6 In Corrugated Plastic Pipe Fting Drain				3.71	4.45
6 In Fting Drain w/ Geotextile Fabric				6.22	7.47
Corrugated Plastic Pipe (CPP), Single-Wall, greater or equal to 8 In				9.87	11.85
Corrugated Plastic Pipe (CPP), Single-Wall, less than or equal to 6 In				3.02	3.63
Corrugated Plastic Pipe (CPP), Twin-Wall, greater or equal to 8 In				14.11	16.94
Env Corrugated Plastic Pipe (CPP), Single-Wall, less than or equal to 6 In				10.85	13.01
Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, less than or equal				7.07	8.49
Terrace	600	Broadbased	Ft	3.39	4.07
Trails and Walkways	575	Earth or Vegetated Trail	Ft	3.97	4.77
		Rock/Gravel in GeoCell on Geotextile, Walkway		32.34	38.8
		Rock/Gravel on Geotextile, Walkway		11.52	13.83
Tree/Shrub Establishment	612	Hardwood Est.-Direct Seeding	Ac	646.39	775.67
		Hardwood Hand Planting-bare root-protected	Ac	454.59	545.51
		Hardwood Planting 1 gal pots	Ac	4079.03	4894.83
		Mostly Hardwood Hand Planting-bare root-protected	Ac	1336.87	1604.25
		Plant Small Areas/Quantities	Ac	1840.77	2208.93
		Shrub Bare Root Hand Planting In Sod Grasses	Ea	5.34	6.4
		Shrub Planting	Ac	216.79	260.15
		Shrub Planting	Ea	14.78	17.74
Tree/Shrub Pruning	660	Pruning- High Height	Ac	225.5	270.6
		Pruning-Fire Hazard	Ac	180.27	216.33
		Pruning-Low Height	Ac	145.12	174.15
		Pruning-Multistory Cropping Understory	Ea	0.74	0.89
		Pruning-MultiStory Cropping-Overstory	Ea	6.46	7.75
		Pruning-Wildlife	Ac	226.49	271.79
		Sanitation	Ac	231.78	278.13
Tree/Shrub Site Preparation	490	Chemical - Aerial Application	Ac	47.75	57.3
		Chemical - Ground Application		148.36	178.03
		Chemical - Hand Application		76.92	92.31
		Hand site preparation		190.71	228.85
		Mechanical - Heavy		206.41	247.69
		Mechanical - Light		57.72	69.27
Underground Outlet	620	10 In High Density Polyethylene (HDPE) Pipe only	Ft	13.32	15.99
		14 to 18 In High Density Polyethylene (HDPE) Pipe with Catch Basin		25.17	30.20
		20 to 24 In High Density Polyethylene (HDPE) Pipe with Catch Basin		35.60	42.72
		26 to 30 In High Density Polyethylene (HDPE) Pipe with Catch Basin		45.93	55.12
		4 In Corrugated Plastic Pipe (CPP) only		10.23	12.27
		4 to 6 In Corrugated Plastic Pipe (CPP) with Riser		9.33	11.20
		4 to 6 In Polyvinyl Chloride (PVC) Pipe with Catch Basin w/ Horizontal Bor		39.82	47.78
		4 to 6 In Polyvinyl Chloride (PVC)Pipe with Catch Basin over 50 feet in ler		12.79	15.34
		4 to 6 In Polyvinyl Chrolide (PVC) Pipe with Catch Basin upto 50 feet in ler		29.37	35.24
		6 In Corrugated Plastic Pipe (CPP) only		8.26	9.91

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
		8 In Corrugated Plastic Pipe (CPP) only		10.22	12.26
		8 to 12 In High Density Polyethylene (HDPE) Pipe with Catch Basin over 5		18.29	21.95
		8 to 12 In High Density Polyethylene (HDPE) Pipe with Catch Basin upto 5		34.57	41.48
		8 to 12 In High Density Polyethylene (HDPE) Pipe with Catch Basin w/ Ho		43.12	51.75
		8 to 12 In High Density Polyethylene (HDPE) Pipe with Riser		14.81	17.77
		Over 30 In High Density Polyethylene (HDPE) Pipe with Catch Basin		62.54	75.05
Upland Wildlife Habitat Management	645	Snags	Ea	8.1	9.72
		Grassland Bird Management	Ac	79.31	86.59
		Mast/Apple Tree Release	Ea	16.2	19.44
Vegetated Treatment Area	635	Graded Area, Mechanical Distribution	Ac	1799.6	2159.52
		Graded Area, Pumped Into A Basin, Gravity Flow Surface Application	SqFt	0.25	0.3
		VTA Direct Flow - Surface Apply	SqFt	0.39	0.46
		VTA Existing with Spreader Curb	SqFt	0.46	0.56
		VTA New with Spreader Curb	SqFt	0.64	0.77
		VTA-surface application-gravity flow	SqFt	0.55	0.65
Waste Facility Closure	360	Demolition of Concrete Waste Storage Structure	CuFt	0.21	0.25
		Feedlot Closure		0.21	0.25
		Liquid Waste ImLbment Closure with 25% Liquids and 75% Solids		0.26	0.31
		Liquid Waste ImLbment Closure with 50% Liquids and 50% Solids		0.22	0.26
		Liquid Waste ImLbment Closure with 75% Liquids and 25% Solids		0.18	0.22
		Poultry House Soil Remediation		0.59	0.71
Waste Separation Facility	632	Concrete Basin	CuFt	5.52	6.62
		Concrete Sand Settling Lane	SqFt	6.68	8.01
		Earthen Settling Structure	CuFt	0.34	0.41
		Mechanical Separation Facility	Ea	36632.18	43958.62
Waste Storage Facility	313	Above Ground Steel/Concrete 100 to 200K ft3 Storage	CuFt	1.64	1.97
		Above Ground Steel/Concrete 25 to 100K ft3 Storage	CuFt	2.06	2.48
		Above Ground Steel/Concrete over 200K ft3 Storage	CuFt	1.7	2.04
		Above Ground Steel/Concrete upto 25K ft3 Storage	CuFt	5.32	6.38
		Bedded Pack, Concrete Wall, Concrete Floor	SqFt	13.46	16.56
		Bedded Pack, Timber Wall, Concrete Floor	SqFt	6.60	8.13
		Conc Tank, Buried 15 to 25K ft3 Storage	CuFt	2.19	2.62
		Conc Tank, Buried 25 to 50K ft3 Storage	CuFt	2.06	2.47
		Conc Tank, Buried 50 to 75K ft3 Storage	CuFt	1.54	1.85
		Conc Tank, Buried 75 to 110K ft3 Storage	CuFt	1.34	1.61
		Conc Tank, Buried over 110K ft3 Storage	CuFt	1.21	1.45
		Conc Tank, buried upto 15K ft3 Storage	CuFt	2.85	3.43
		Concrete Block, Rectangular, Without Roof	CuFt	2	2.4
		Concrete Liner over 15K Cubic Feet	SqFt	4.08	4.9
		Concrete Liner upto 15K Cubic Feet	SqFt	4.09	4.9
		Concrete Stacking Slab with Curb	SqFt	8.05	9.66
		Concrete Stacking Slab without Curb	SqFt	5.64	6.77
		Concrete, Rectangular, With Concrete Top	CuFt	6.84	8.2
		Concrete, Rectangular, with Roof	CuFt	3.06	3.67
		Concrete, Rectangular, Without Roof over 35K ft3 Storage	CuFt	1.99	2.39
		Concrete, Rectangular, Without Roof upto 35K ft3 Storage	CuFt	2.68	3.22
		Earthen Storage Facility upto 50K ft3 Storage	CuFt	0.28	0.33
		Earthen Storage Facilityover 50K ft3 Storage	CuFt	0.23	0.28
		Plastic Tank	CuFt	10.61	12.73
		Timber Sided with Concrete Floor	CuFt	2.9	3.47
Waste Transfer	634	12 In HDPE Gravity Pipe with Hopper	Ft	63.21	75.85
		12 In PVC Pressure Pipe	Ft	27.83	33.39
		15 In PVC Pressure Pipe	Ft	31.83	38.2
		18 In HDPE Gravity Pipe with Hopper	Ft	74.78	89.74
		24 In HDPE Gravity Pipe with Hopper	Ft	89.63	107.55
		3 In PVC Pressure Pipe	Ft	10.4	12.48
		30 In HDPE Gravity Pipe with Hopper	Ft	99.15	118.98
		4 In PVC Pressure Pipe	Ft	11.61	13.93
		6 In PVC Gravity Pipe with Hopper	Ft	27.54	33.04
		6 In PVC Gravity Pipe without Hopper	Ft	12.26	14.72
		6 In PVC Pressure Pipe	Ft	14.75	17.71
		8 In PVC Pressure Pipe	Ft	21.08	25.29
		Agitator-small used for mixing a basin or pit no more than 10 ft. deep.	Ea	8941.96	10730.35
		Concrete Channel	SqFt	5.63	6.75
		Concrete Scrape Alley	SqFt	10	12
		Horizontal Boring	Ea	5257.63	6309.15
		Push-Off Ramp w/ Safety Gate	Ea	16423.96	19708.75
		Stacker (Manure Elevator)	Ft	211.44	253.72

Practice Name	Practice Code	Component	Unit Type	Unit Cost	Historically Underserved Unit Cost
Waste Treatment	629	Wastewater Collection Tank	Gal	2.63	3.16
		Aerator greater than 5 hp	Ea	7339.24	8807.09
		Aerator less than or equal to 5 hp	HP	975.52	1170.62
		Dairy - MHMP STS Leaching Galleries	Gal/Day	67.27	80.73
		Milking Parlor Waste Treatment System with Dosing System	Gal/Day	16.07	19.28
		Milkhouse Wastewater Treatment with Dosing System and Bark Mounds	SqFt	7.07	8.49
		Milking Parlor Waste Treatment System with Dosing System and Bark Be	SqFt	6.91	8.3
		Straw Pond Cover	SqFt	0.55	0.66
Water and Sediment Control Basin	638	WASCOB greater than or equal to 350 CY	CuYd	4.29	5.15
		WASCOB less than 350 CY		6.57	7.89
		WASCOB less than 350 CY-Topsoil		7.5	9
Water Well	642	Deep Well	Ea	11166.61	13399.93
		Dug Well		8260.05	9912.07
		High Volume Deep Well		17189.75	20627.71
		High Volume Shallow Well		4978.92	5974.7
		High Volume Typical Well		8209.98	9851.97
		Shallow Well		2942.51	3531.02
		Typical Well		5256.48	6307.77
		Watering Facility		614	Frost Free Trough
Permanent Drinking and/or Storage 1000 to 5000 Gals	Gal	1.34	1.6		
Permanent Drinking and/or Storage 500 to 1000 Gals	Gal	1.76	2.11		
Permanent Drinking and/or Storage over 5000 Gals	Gal	0.55	0.66		
Permanent Drinking and/or Storage upto 500 Gals	Gal	2.98	3.58		
Permanent Storage Tank	Gal	0.89	1.06		
Wetland Enhancement	659	Portable Drinking and/or Storage upto 100 Gals	Gal	0.99	1.19
		Creation of Micro/Macrotopography Haul Away Spoils	Ac	16965.34	20358.41
		Macro-Micro Topography Creation-On Site Disposal	Ac	7891.16	9469.4
		Tidal Barrier Removal	Ea	5394.14	6472.97
		Tidal Channel Restoration/Establishment	Ac	73544.85	88253.82
Wetland Restoration	657	Tidal Marsh Excavation	Ac	17989.81	21587.77
		Depression Sediment Removal and Ditch Plug	Ac	1038.59	1246.31
		Estuarine Fringe Levee Removal		13.34	16.01
		Mineral or Organic Flat		11.23	13.47
		Riverine Channel and Floodplain Restoration		405.13	486.15
		Riverine Levee Removal and Floodplain Features		302.85	363.42
		Tidal Marsh Phragmites Removal		17989.81	21587.77
		Wetland Hydrologic Barrier Removal		11003.15	13203.78
Wetland Restoration Sediment Removal	20572.55	24687.06			
Wetland Wildlife Habitat Management	644	Creation of Turtle Nesting Habitat	Ac	3565.92	4279.11
Windbreak/Shelterbelt Establishment	380	1 row windbreak, shrubs, hand planted	Ft	0.41	0.49
		1 row windbreak, trees, hand planted		0.20	0.25
Woody Residue Treatment	384	Chipping and hauling off-site	Ac	224.51	269.41
		Forest Slash Treatment - Med/Heavy		350.61	420.74
		Orchard/Vineyard prunings/removals		184.24	221.09
		Restoration/conservation treatment following catastrophic events		671.59	805.91
		Woody residue/silvacultural slash treatment-light		149.62	179.54