

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

Unit Definitions: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour),
L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
1.2.1	Fertilizer 0-10-40- .2 boron	TON	\$252.00
1.2.2	Fertilizer 10-10-10	TON	\$196.50
1.2.3	Fertilizer 10-10-10 (50 lb bags)	TON	\$226.65
1.2.4	Fertilizer 10-20-10	TON	\$242.35
1.2.5	Fertilizer 14-30-15 (corn starter)	TON	\$287.00
1.2.7	Fertilizer 23-12-18	TON	\$296.90
1.2.8	Ammonium sulfate (NH4) 2S04 0-0-20 w/24% sulfur	TON	\$385.00
1.2.9	DAP 18-46-0	TON	\$307.00
1.2.10	Foliar nutrient application on vegetables, (not including equipment)	ACRE	\$15.00
1.2.11	Hi-Mag lime	TON	\$45.00
1.2.12	Lime (bulk) Not including trucking or spreading	TON	\$13.25
1.2.13	Lime (calcium) delivered and spread	TON	\$32.75
1.2.14	Lime (calcium) in 50# bags	TON	\$100.00
1.2.15	Lime-Ash	TON	\$28.00
1.2.16	MAP 11-52-0	TON	\$290.00
1.2.17	Nitrogen (chemical)	LB	\$0.33
1.2.18	Organic Soil Amendments - Chilean Nitrate 16-0-0	TON	\$466.00
1.2.19	Organic Soil Amendments - Nitrogen	LB	\$1.49
1.2.20	Organic Soil Amendments - Phospate rock 0-30-0 (6-8%available)	TON	\$296.00
1.2.21	Organic Soil Amendments - Phosphorus (plant available form)	LB	\$1.70
1.2.22	Organic Soil Amendments - Potassium	LB	\$0.79
1.2.23	Organic Soil Amendments - Sulphate of Potash 0-0-52	TON	\$607.00
1.2.24	Organic Soil Amendments - Sul-Po-Mag 0-0-22 11Mg, 22S	TON	\$487.00
1.2.25	Phosphorus	LB	\$0.26
1.2.26	Potash 0-0-60	TON	\$223.00
1.2.27	Potassium	LB	\$0.14
1.2.28	Urea 46-0-0	TON	\$309.00
1.2.29	Herbicides, cost per acre (for corn)	ACRE	\$29.60
1.2.30	Soil test, (standard agricultural soil test)	EA.	\$15.00
1.3.1	"Conservation Mix"	LB.	\$2.00
1.3.3	"Pasture Mix" (Typical Cool Season) (organic)	LB.	\$3.70
1.3.5	Alfalfa	LB.	\$2.50
1.3.6	Alfalfa (leaf hopper resistant)	LB.	\$3.17
1.3.7	Alfalfa (organic)	LB.	\$3.20
1.3.8	Annual ryegrass	LB.	\$0.70
1.3.10	Barley (organic)	LB.	\$0.36

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
1.3.11	Birdsfoot trefoil	LB.	\$3.00
1.3.13	Buckwheat (organic)	LB.	\$1.30
1.3.14	Chickory (organic)	LB.	\$6.70
1.3.15	Clover - Alsike	LB.	\$1.45
1.3.16	Clover - Alsike (organic)	LB.	\$3.25
1.3.17	Clover - Dutch white (organic)	LB.	\$2.60
1.3.18	Clover - Ladino	LB.	\$3.15
1.3.19	Clover - Mammoth red	LB.	\$1.75
1.3.20	Clover - Red	LB.	\$1.65
1.3.21	Clover - Red (organic)	LB.	\$4.15
1.3.22	Clover - White	LB.	\$3.10
1.3.23	"Pasture Mix" (Typical Cool Season)	LB.	\$2.50
1.3.24	Creeping Red Fescue	LB.	\$1.25
1.3.26	Hairy Vetch	LB.	\$1.95
1.3.27	Hairy Vetch (organic)	LB.	\$2.45
1.3.28	Kentucky Bluegrass	LB.	\$1.65
1.3.30	Millet, Japanese	LB.	\$1.00
1.3.32	Oats, bulk	LB.	\$0.20
1.3.33	Oats (organic)	LB.	\$0.35
1.3.34	Orchardgrass	LB.	\$1.80
1.3.35	Orchardgrass (organic)	LB.	\$3.05
1.3.36	Perennial Ryegrass (Pennfine)	LB.	\$1.25
1.3.37	Rape (organic)	LB.	\$0.79
1.3.38	Reed Canarygrass (requires approval)	LB.	\$2.55
1.3.39	Smooth Bromegrass	LB.	\$1.80
1.3.40	Sudangrass (organic)	LB.	\$0.72
1.3.41	Tall Fescue (Ky-31) (requires approval)	LB.	\$1.70
1.3.42	Tall Fescue (Low Endophyte) (requires approval)	LB.	\$1.50
1.3.43	Tall fescue (Low Endophyte) (organic) (requires approval)	LB.	\$3.10
1.3.44	Timothy	LB.	\$1.35
1.3.45	Timothy (organic)	LB.	\$2.40
1.3.46	Triticale (organic)	LB.	\$0.77
1.3.47	Wetland Mix	LB.	\$55.00
1.3.48	Wildflower mix	LB.	\$37.00
1.3.50	Winter Cereal Rye (in 50 lb bulk bags)	LB.	\$0.23
1.3.51	Winter Cereal Rye (organic)	LB.	\$0.50

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Number	Item	Unit	050
1.3.53	Barley	LB.	\$0.25
1.3.54	Buckwheat	LB.	\$0.60
1.3.55	Creeping Fox Tail	LB.	\$6.25
1.3.56	Millet, Japanese (Organic)	LB.	\$1.50
1.3.57	Perennial Ryegrass (Organic)	LB.	\$2.65
1.3.58	Perennial Pea	LB.	\$20.00
1.3.59	Rape	LB.	\$1.10
1.3.60	Red Top	LB.	\$4.20
1.3.61	Sudangrass	LB.	\$0.40
1.3.62	Triticale	LB.	\$0.26
1.3.63	Inoculants (treats 50-60 lbs of legme)	PKG	\$3.70
1.4.1	Big Bluestem	LB.	\$12.00
1.4.2	Deertongue	LB.	\$16.00
1.4.3	Indiangrass	LB.	\$12.00
1.4.4	Little Bluestem	LB.	\$15.50
1.4.6	Sand Lovegrass	LB.	\$9.25
1.4.7	Switchgrass	LB.	\$7.85
1.13.1	Mulch, hay -- hand applied	ACRE	\$516.00
1.13.2	Soil preparation, mulching, hay, 1" deep, power mulcher, small	M.S.F.	\$61.35
1.13.3	Soil preparation, mulching, hay, 1" deep, power mulcher, large	M.S.F.	\$57.80
1.13.8	Hydroseeding / Mulching on critical area	ACRE	\$1,913.00
1.13.9	Mulch, straw -- cost per 40 lb bale	EA.	\$5.20
1.13.10	Wood chips	S.Y.	\$1.12
1.14.1	Seed, Lime, Fertilize & Mulch - meets VT Eng. Spec. #52	ACRE	\$1,179.41
1.14.2	Broadcasting Seed (not including seed)	ACRE	\$10.40
1.14.3	Broadcasting Seed, (by hand) (Not including seed)	ACRE	\$10.50
1.14.4	Seeding, mechanical apply limestone, 50 lbs per M.S.F., hand push spreader	M.S.F.	\$5.94
1.14.5	Seeding, mechanical seeding grass seed, 4.5 lbs per M.S.F., hand push spreader	M.S.F.	\$21.28
1.15.1	Conservation Cover (327)-plow, harrow, lime, NPK, weed spray & seed	ACRE	\$164.90
1.15.2	Contour Buffer Strips (332)-plow, harrow, orchardgrass & clover	ACRE	\$149.15
1.15.3	Contour Farming (330)-plow & harrowing	ACRE	\$28.40
1.15.5	Critical Area Planting (342)-plow, harrow, lime, NPK, seed & mulch	ACRE	\$561.40
1.15.6	Critical Area Planting-Warm Season (342)- lime, seed & mulch	ACRE	\$1,140.48
1.15.7	Field Border 30' width (386)-plow, harrow,lime, NPK & seed	ACRE	\$218.00
1.15.8	Filter Strip (Agronomic 393)-plow, harrow, lime, NPK, & seed	ACRE	\$193.10
1.15.9	Pasture & Hayland Planting (512)-plow, harrow,lime, NPK & seed	ACRE	\$288.68

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Number	Item	Unit	050
1.15.10	Pasture & Hayland Planting(2) (512)-plow, harrow,lime, NPK & seed	ACRE	\$387.98
1.15.11	Pasture & Hayland Planting(3) (512)-organic NPK and clover	ACRE	\$171.40
1.15.12	Residue Mngt (Mulch Till) (329B) - chisel plow	ACRE	\$16.40
1.15.13	Residue Management (No Till/Strip Till) (329A)-no till and spraying	ACRE	\$56.03
1.15.14	Riparian Herbaceous Buffer (390) - plow, harrow, lime, NPK & conser. Mix	ACRE	\$256.10
1.15.15	Riparian Herbaceous Buffer(2) (390) - spray, no-till and seed	ACRE	\$336.63
1.15.16	Brush Management (314)-Delayed Mowing/Brushhogging, light duty	ACRE	\$28.00
1.15.17	Cover & Green Manure Crop (340)-harrowing, seed & no till	ACRE	\$48.53
1.15.18	Critical Area Planting-Warm Season w/ machine time (342)- dozer, lime, seed & mulch	ACRE	\$1,675.31
1.15.19	Fence (382)-4 strand HT w/ wire gate	L.F.	\$2.00
1.15.20	Fence - 30 ac. Pasture (382) - 4 strand HT, gates, charger & corners	ACRE	\$11,285.12
1.15.21	Fence - 60 ac. Pasture (382) - 4 strand HT, gates, charger & corners	ACRE	\$18,682.68
1.15.22	Fence - 10 ac. Pasture (382) - 4 strand HT, gates, charger & corners	ACRE	\$6,181.56
1.15.23	Field Border 50' width (386)-plow, harrow,lime, NPK & seed	ACRE	\$218.00
1.15.24	Field Border for Pollinators (386)-plow, harrow,lime, NPK, seed & trees.	ACRE	\$668.60
1.15.25	Forest Stand Improvement (666) -marking & cutting	ACRE	\$180.00
1.15.26	Forest Stand Improvement (666) -marking & girdling	ACRE	\$130.00
1.15.27	Hedgerow Planting (422) - 2 rows	L.F.	\$1.80
1.15.28	Hedgerow Planting (422) - 4 rows	L.F.	\$3.60
1.15.29	Pipeline (643)-1" pipeline laid on ground	L.F.	\$0.50
1.15.30	Pipeline (2) (643)-3/4" pipeline laid on ground	L.F.	\$0.40
1.15.31	Pipeline (3) (643)-1 1/4" pipeline laid on ground	L.F.	\$1.55
1.15.32	Riparian Forest Buffer (391) - 200 trees, 1.0 acre RFB, mats & protectors	ACRE	\$1,750.00
1.15.33	Riparian Forest Buffer (2) (391) - 200 trees, 1.0 acre RFB, no protectors or mats	ACRE	\$900.00
1.15.34	Riparian Forest Buffer (391) - 300 trees, 1.0 acre RFB, mats & protectors	ACRE	\$2,600.00
1.15.35	Riparian Forest Buffer (4) (391) - 300 trees, 1.0 acre RFB, no protectors or mats	ACRE	\$1,400.00
1.15.36	Strip Cropping (585)-plow, harrow,lime, NPK & seed	ACRE	\$130.00
1.15.37	Tree & Shrub Establishment (612)- 400 hardwood trees, mats & protectors	ACRE	\$3,580.00
1.15.38	Watering Facility - Moveable (614) - 35 gal poly, valves & float	EA.	\$76.46
1.15.39	Watering Facility (614) - 70 gal poly, valves & float	EA.	\$144.46
1.15.40	Watering Facility 150 gal (614) - 150 gal poly, valves, float, geotextile & gravel.	EA.	\$643.80
1.15.41	Windbreak/Shelterbelt Establishment (380) - 50 trees, two rows, 300' long	L.F.	\$2.00
1.15.42	Windbreak/Shelterbelt Establishment (2) (380) - 90 trees, three rows, 300' long	L.F.	\$2.80
1.15.43	Fence (382)-2 strand electric w/ wire gate	L.F.	\$1.35
1.15.44	Tree & Shrub Establishment (2) (612) - 500 native conifers per acre, site prep.	ACRE	\$2,350.00
1.15.45	Tree & Shrub Establishment (3) (612) - 200 mixed conifers & deciduous	ACRE	\$940.00

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Number	Item	Unit	050
1.15.46	Waste Utilization - spreading liquid manure	ACRE	\$33.85
1.18.1	Site preparation - mechanical	ACRE	\$100.00
1.18.2	Site preparation- chemical	ACRE	\$200.00
1.18.3	Tree or shrub, deciduous - 1-2 ft bare root	EA.	\$1.00
1.18.4	Tree or shrub, deciduous - 2-3 ft bare root	EA.	\$2.00
1.18.5	Tree or shrub, deciduous - 3-4 ft bare root	EA.	\$2.50
1.18.6	Tree or shrub, deciduous - 4-5 ft bare root	EA.	\$5.00
1.18.7	Tree or shrub, conifer - 1-2 ft bare root	EA.	\$2.00
1.18.8	Tree or shrub, conifer - 2-3 ft bare root	EA.	\$4.00
1.18.9	Tree or shrub, conifer - 3-4 ft bare root	EA.	\$6.00
1.18.10	Tree or shrub, conifer - 4-5 ft bare root	EA.	\$8.00
1.18.11	Tree or shrub, deciduous - 6-8 ft balled root	EA.	\$12.00
1.18.12	Tree or shrub, deciduous - 8-10 ft balled root	EA.	\$15.00
1.18.13	Tree or shrub, deciduous - 10-12 ft balled root	EA.	\$20.00
1.18.14	Tree or shrub, conifer - 3-4 ft balled root	EA.	\$8.00
1.18.15	Tree or shrub, conifer - 4-5 ft balled root	EA.	\$12.00
1.18.16	Tree or shrub, conifer - 5-6 ft balled root	EA.	\$20.00
1.18.17	Tree or shrub, conifer - 6-8 ft balled root	EA.	\$35.00
1.18.18	Tree or shrub - 1-2 ft bare root, native	EA.	\$2.50
1.18.19	Tree or shrub - 3-5 ft bare root, native	EA.	\$3.50
1.18.20	Tree or shrub - 5-7 ft bare root, native	EA.	\$4.50
1.18.21	Tublings, 6" conifers	EA.	\$0.50
1.18.22	Tublings, 6" native	EA.	\$2.00
1.18.23	Tree protectors with ties	EA.	\$1.00
1.18.24	Brush mats with staples - 2x2 ft	EA.	\$0.70
1.18.25	Brush mats with staples - 3x3 ft	EA.	\$1.00
1.18.26	Stakes - 4 ft hardwood	EA.	\$0.50
1.18.27	Labor - planting tree or shrub only	EA.	\$2.00
1.18.28	Labor - planting tree or shrub with protector, mat and stake	EA.	\$4.00
1.18.29	Tree or Shrub, labor, protector, mat and stake	EA.	\$8.70
1.18.30	Forestry, Timber Stand Improvement (TSI) girdling	ACRE	\$100.00
1.18.31	Forestry, Timber Stand Improvement (TSI) Marking	ACRE	\$30.00
1.18.32	Forestry, Timber Stand Improvement (TSI), Brush saw	ACRE	\$159.00
1.18.33	Forestry, Timber Stand Improvement (TSI), chain saw	ACRE	\$150.00
2.1.1	Asphalt, parking lots & driveways, binder course, 3" thick	S.F.	\$1.40
2.1.2	Asphalt, parking lots & driveways, binder course, 4" thick	S.F.	\$1.86

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Number	Item	Unit	050
2.1.3	Asphalt, parking lots & driveways, binder course, 2" thick	S.F.	\$0.88
2.1.4	Asphalt, parking & driveway, 6" stone base, 2" binder course, 1" topping	S.F.	\$2.91
2.1.5	Asphalt, parking lots & driveways, sand finish course, 3/4" thick	S.F.	\$0.41
2.1.6	Asphalt, parking lots & driveways, sand finish course, 1" thick	S.F.	\$0.51
2.1.7	Selective demolition, saw cutting, asphalt, up to 3" deep	L.F.	\$1.59
2.1.8	Selective demolition, saw cutting, each additional inch of depth over 3"	L.F.	\$0.79
2.1.9	Fine grading, finish grading, small area, to be paved with grader	S.Y.	\$3.73
2.1.10	Fine grade, for roadway, large area, 6,000 S.Y. or more	S.Y.	\$0.76
2.4.2	Pumping, Concrete, Footings & Slabs, 18.75cy/hr (include drive time)	HR.	\$165.00
2.4.3	Pumping, Concrete, Walls, 12.5cy/hr (include drive time)	HR.	\$165.00
2.5.0	Unreinforced Concrete	C.Y.	\$146.67
2.8.2	Hopper, Precast, 6' dia. x 6' deep, delivered, excav. not incl.	EA.	\$1,847.88
2.8.3	Hopper, Precast, 6' dia. x 8' deep, delivered, excav. not incl.	EA.	\$2,201.38
2.8.4	Conc. Hopper, 6'x6'x8', 8" Wall & Floor, No Exc. or Drainage, 6" Drainfill	E.A.	\$3,268.54
2.9.1	Curb, Concrete, 6"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$18.49
2.9.2	Curb, Concrete, 6"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$11.52
2.9.3	Curb, Concrete, 8"x12"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$12.23
2.9.4	Slab, Concrete, 4", 3000psi, Curing compd., saw 10' o.c.	C.Y.	\$173.60
2.9.5	Curb, Concrete, 8"x24"h, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$20.03
2.9.6	Curb, Concrete, Speed Bump, 3000psi, #4 @ 12" E.W., Curing compd.	L.F.	\$12.23
2.9.8	Concrete finishing, floor, dustproofing, epoxy-based, clear, 1 coat	S.F.	\$0.31
2.9.9	Concrete finishing, floor, dustproofing, epoxy-based, clear, 2 coats	S.F.	\$0.47
2.9.10	Slab, Concrete, 4", 3000psi, WWF, Curing compd., saw 10' o.c.	C.Y.	\$197.97
2.9.11	Slab, Concrete, 5", 3000psi, Curing compd., #4@18" e.w.	C.Y.	\$248.42
2.9.14	Concrete finishing, walls, includes breaking ties and patching voids	S.F.	\$0.53
2.9.15	Construction Joint - floor, sawed, backer rod and waterstop	L.F.	\$2.57
2.10.1	4'-8' Conc. Wall, 3000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$316.14
2.10.2	4'-8' Conc. Wall, 3000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$349.36
2.10.3	4'-8' Conc. Wall, 3000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$332.47
2.10.4	4'-8' Conc. Wall, 3000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$359.98
2.10.5	4'-8' Conc. Wall, 4000 psi, 8" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$323.19
2.10.6	4'-8' Conc. Wall, 4000 psi, 8" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$341.52
2.10.7	4'-8' Conc. Wall, 4000 psi, 8" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$339.52
2.10.8	4'-8' Conc. Wall, 4000 psi, 8" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$367.02
2.10.9	10' Conc. Wall, 3000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$349.45
2.10.10	10' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$364.66

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2.10.11	10' Conc. Wall, 3000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$362.25
2.10.12	10' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$385.19
2.10.13	10' Conc. Wall, 4000 psi, 10" thick, #4@12" E.W., Chute, Curing Compound	C.Y.	\$356.50
2.10.14	10' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$371.71
2.10.15	10' Conc. Wall, 4000 psi, 10" thick, #4@12" V, #4@6" H, Chute, Curing Compd.	C.Y.	\$369.29
2.10.16	10' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$392.23
2.10.17	12' Conc. Wall, 3000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$363.13
2.10.18	12' Conc. Wall, 4000 psi, 10" thick, #5@12" E.W., Chute, Curing Compound	C.Y.	\$370.18
2.10.19	12' Conc. Wall, 3000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$385.19
2.10.20	12' Conc. Wall, 4000 psi, 10" thick, #5@12" V, #5@6" H, Chute, Curing Compd.	C.Y.	\$392.23
2.11.1	Concrete Footing, 10" thick, > 3' wide, reinforced, #4 & #5	C.Y.	\$306.72
2.11.2	Concrete Footing, 10" thick, < 3' wide, reinforced, #4 E.W. Typ.	C.Y.	\$338.86
2.12.1	Waterstop, PVC or Bentonite type	L.F.	\$3.25
2.12.2	6" Pipe Penetration Seal, modular, links & bolts	EA.	\$139.24
2.12.3	8" Pipe Penetration Seal, modular, links & bolts	EA.	\$159.26
2.13.1	Demolition-footing, floor, concrete slab on grade, plain concrete, 4" thick	S.F.	\$4.06
2.13.2	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 4" thick	S.F.	\$4.33
2.13.3	Demolition-footings, floors, concrete slab on grade, plain concrete, 6" thick	S.F.	\$5.42
2.13.4	Demolition-footings, floors, concrete slab on grade, concrete, wwf, 6" thick	S.F.	\$5.97
2.13.5	Minor demolition, slab on grade, plain, remove, excludes hauling	C.Y.	\$72.07
2.13.6	Minor demolition, slab on grade , wwf, 8" thick, remove, exc. hauling	C.Y.	\$98.26
2.13.7	Minor demolition, slab on grade , rebar, 8" thick, remove, exc. hauling	C.Y.	\$130.09
2.13.8	Cutout demolition, slab on grade, non-reinforced, to 6" thick, under 8 S.F., excludes loading and disposal	S.F.	\$23.87
2.13.9	Cutout demolition, slab on grade, non-reinforced, to 6" thick, 8-16 S.F., excludes loading and disposal	S.F.	\$11.56
2.13.10	Saw cutting, concrete slabs, mesh reinforcing, per inch of depth to 3" deep	L.F.	\$1.77
2.13.11	Saw cutting, concrete slab, rebar, each additional inch of depth over 3"	L.F.	\$0.96
2.14.0	Block, Concrete, non keyed, 4'x2'x2' or 4'x4'x2'	EA.	\$53.56
2.14.1	Block, Concrete, keyed, 6'x2'x2'	EA.	\$123.19
2.15.0	Fibrous reinforcing, synthetic fibers, add to concrete, 1-1/2 lb. per C.Y.	C.Y.	\$6.35
2.15.1	Concrete testing, compressive strength test, incl. delivery to lab per cylinder	Ea.	\$13.00
2.15.2	Concrete testing, compressive strength test, incl. picked up by lab, average	Ea.	\$20.00
2.15.3	Fibrous reinforcing, steel fibers, add to concrete, 25 lb. per C.Y.	C.Y.	\$11.87
2.15.4	Winter Protection, for heated ready mix, includes material only, add, max.	C.Y.	\$10.20
2.15.5	Winter Protection, for heated ready mix, includes material only, add, min.	C.Y.	\$8.18
2.15.6	Winter Protection, protecting concrete and temp heat	M.S.F.	\$354.92
2.15.8	Winter Protection, temp. shelter, slab on grade, wood frame and poly, max.	M.S.F.	\$589.02

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

Unit Definitions: S.Y. (Square Yards), M.S.F. (1,000 Square Feet), S.F. (Square Feet), L.F. (Linear Feet), C.Y. (Cubic Yard), EA. (Each), HR. (Hour), L.C.Y. (100 Cubic Yards), V.F. (Vertical Feet), B.F. (Board Feet), M.B.F. (1,000 Board Feet)

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Number	Item	Unit	050
2.15.9	Winter Protection, temp. shelter, slab on grade, wood frame and poly, min.	M.S.F.	\$409.63
3.1.0	Chisel Plow	ACRE	\$16.40
3.1.1	Disk Plow	ACRE	\$15.70
3.1.2	Harrowing	ACRE	\$12.70
3.1.3	Disc Harrow in tandem w/cultipacker	ACRE	\$15.25
3.1.4	Molboard plow (stubble)	ACRE	\$17.60
3.1.5	Molboard plow (sod)	ACRE	\$21.15
3.1.6	Cultipaking (14')	ACRE	\$15.75
3.1.7	Cultivating	ACRE	\$11.80
3.1.8	Conventional Seeding (alfalfa, clover, etc., not including seed)	ACRE	\$15.40
3.1.9	No-till drill	ACRE	\$17.43
3.1.10	Frost seeding legumes (Including 2 ton lime, fertilizer K, seed)	ACRE	\$158.00
3.1.11	Disking, Tandem	ACRE	\$13.00
3.1.12	Manure spreading (liquid manure)	HR.	\$67.70
3.1.13	Manure pumping	HR.	\$33.20
3.1.14	Manure loading	HR.	\$48.40
3.1.15	Deep plowing (10" or more)	ACRE	\$19.00
3.1.16	Rotary Mower	HR.	\$10.70
3.1.17	No-till planter	ACRE	\$13.00
3.1.18	Side dressing (fertilizer not included)	ACRE	\$9.20
3.1.19	Spreading bulk liquid fertilizer (not including fertilizer)	ACRE	\$9.10
3.2.1	Mowing Hay	ACRE	\$14.15
3.2.2	Mowing/conditioning	ACRE	\$14.60
3.2.3	Raking Hay	ACRE	\$9.65
3.3.1	Manure spreading (solid manure)	HR.	\$48.50
3.3.2	Spreading Lime (lime not included)	ACRE	\$10.60
3.3.3	Spreading bulk dry fertilizer (not including fertilizer)	ACRE	\$8.30
3.3.4	Spraying for weed control (chemicals not included)	ACRE	\$9.00
3.4.1	Farm tractor with implement, labor, fuel (65 hp or less)	HR.	\$47.25
3.4.2	Farm tractor with implement, labor, fuel (140 hp)	HR.	\$73.50
3.4.3	Farm tractor with implement, labor, fuel (225 hp)	HR.	\$105.00
4.1.1	Diversion or Waterway, Grassed	L.F.	\$5.28
4.1.2	Diversion or Waterway, Grassed, w/ Erosion Control Netting	L.F.	\$6.18
4.1.3	Diversion or Waterway, Stone Centered	L.F.	\$22.56
4.2.4	Riser, perforated, for diversion or terrace 6" SDR 35	EA.	\$216.06
4.2.5	Riser, perforated, for diversion or terrace 8" SDR 35	EA.	\$406.89

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

Unit Definitions: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour),
L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
4.2.6	Riser, perforated, for diversion or terrace 10" SDR 35	EA.	\$930.03
4.3.1	Grate, 24" dia., Cast Iron w/ Ears	EA.	\$179.89
4.4.1	Bar Guard, 6" Heavy Duty, Trash Rack	EA.	\$53.59
4.4.2	Bar Guard, 8" Heavy Duty, Trash Rack	EA.	\$58.96
4.4.3	Bar Guard, 12" Heavy Duty, Trash Rack	EA.	\$82.63
4.4.4	Bar Guard, 18" Heavy Duty, Trash Rack	EA.	\$122.08
4.4.5	Bar Guard, 24" Heavy Duty, Trash Rack	EA.	\$169.24
5.1.1	Borrow, 1.5" Crushed Stone, 5 mile round trip (0.6 hrs)	C.Y.	\$19.21
5.1.2	Borrow, 1.5" Crushed Stone, 10 mile round trip (0.8 hrs)	C.Y.	\$20.45
5.1.3	Borrow, 1.5" Crushed Stone, 20 mile round trip (1.2 hrs)	C.Y.	\$22.93
5.1.4	Borrow, 3/4" Crushed Stone, 5 mile round trip (0.6 hrs)	C.Y.	\$20.07
5.1.5	Borrow, 3/4" Crushed Stone, 10 mile round trip (0.8 hrs)	C.Y.	\$21.31
5.1.6	Borrow, 3/4" Crushed Stone, 20 mile round trip (1.2 hrs)	C.Y.	\$23.79
5.1.7	Borrow, Bank Run Gravel, 5 mile round trip (0.6 hrs)	C.Y.	\$14.44
5.1.8	Borrow, Bank Run Gravel, 10 mile round trip (0.8 hrs)	C.Y.	\$15.67
5.1.9	Borrow, Bank Run Gravel, 20 mile round trip (1.2 hrs)	C.Y.	\$18.16
5.1.10	Borrow, Common Fill-incl. Clay, 5 mile round trip (0.6 hrs)	C.Y.	\$9.18
5.1.11	Borrow, Common Fill-incl. Clay, 10 mile round trip (0.8 hrs)	C.Y.	\$10.43
5.1.12	Borrow, Common Fill-incl. Clay, 20 mile round trip (1.2 hrs)	C.Y.	\$12.90
5.1.13	Borrow, Washed Mfg. Sand, 5 mile round trip (0.6 hrs)	C.Y.	\$21.58
5.1.14	Borrow, Washed Mfg. Sand, 10 mile round trip (0.8 hrs)	C.Y.	\$22.82
5.1.15	Borrow, Washed Mfg. Sand, 20 mile round trip (1.2 hrs)	C.Y.	\$25.30
5.1.16	Borrow, Bank Sand, 5 mile round trip (0.6 hrs)	C.Y.	\$14.44
5.1.17	Borrow, Bank Sand, 10 mile round trip (0.8 hrs)	C.Y.	\$15.67
5.1.18	Borrow, Bank Sand, 20 mile round trip (1.2 hrs)	C.Y.	\$18.16
5.1.19	Borrow, 3/4" Plant Mix, 5 mile round trip (0.6 hrs)	C.Y.	\$18.15
5.1.20	Borrow, 3/4" Plant Mix, 10 mile round trip (0.8 hrs)	C.Y.	\$19.38
5.1.21	Borrow, 3/4" Plant Mix, 20 mile round trip (1.2 hrs)	C.Y.	\$21.87
5.1.25	Borrow, Rock RipRap, 5 mile round trip (0.6 hrs)	C.Y.	\$18.07
5.1.26	Borrow, Rock RipRap, 10 mile round trip (0.8 hrs)	C.Y.	\$19.30
5.1.27	Borrow, Rock RipRap, 20 mile round trip (1.2 hrs)	C.Y.	\$21.79
5.1.28	Borrow, 1.5" Crushed Stone, 30 mile round trip (1.6 hrs)	C.Y.	\$25.41
5.1.29	Borrow, 3/4" Crushed Stone, 30 mile round trip (1.6 hrs)	C.Y.	\$26.28
5.1.30	Borrow, 3/4" Plant Mix, 30 mile round trip (1.6 hrs)	C.Y.	\$24.35
5.1.31	Borrow, 1.5" Plant Mix, 5 mile round trip (0.6 hrs)	C.Y.	\$17.58
5.1.32	Borrow, 1.5" Plant Mix, 10 mile round trip (0.8 hrs)	C.Y.	\$18.81

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

Unit Definitions: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour),
L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
5.1.33	Borrow, 1.5" Plant Mix, 20 mile round trip (1.2 hrs)	C.Y.	\$21.30
5.1.34	Borrow, 1.5" Plant Mix, 30 mile round trip (1.6 hrs)	C.Y.	\$23.78
5.1.35	Borrow, Bank Run Gravel, 30 mile round trip (1.6 hrs)	C.Y.	\$20.64
5.1.36	Borrow, Bank Sand, 30 mile round trip (1.6 hrs)	C.Y.	\$20.64
5.1.37	Borrow, Common Fill-incl. Clay, 30 mile round trip (1.6 hrs)	C.Y.	\$15.39
5.1.38	Borrow, Rock RipRap, 30 mile round trip (1.6 hrs)	C.Y.	\$24.27
5.1.39	Borrow, Washed Mfg. Sand, 30 mile round trip (1.6 hrs)	C.Y.	\$27.79
5.1.40	Topsoil, weed free, spread with dozer, includes load and haul, approx.15 miles RT.	C.Y.	\$28.14
5.2.1	4" Perf. Field Drain, 4-6' deep, bankrun gravel, incl. Mob	L.F.	\$7.80
5.2.2	4" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$8.16
5.2.4	4" Perf. Field Drain, 7-9' deep, bankrun gravel, incl. Mob	L.F.	\$9.24
5.2.5	6" Perf. Field Drain, 4-6' deep, bankrun gravel, incl. Mob	L.F.	\$8.86
5.2.6	6" Perf. Field Drain, 4-6' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$9.22
5.2.7	6" Perf. Field Drain, 7-9' deep, bankrun gravel, incl. Mob	L.F.	\$10.30
5.2.9	Trench Drain for roof runoff, 2'w x 3' d, stone backfill	L.F.	\$10.08
5.2.10	4" Perf. Footing Drain, stone, geotextile	L.F.	\$3.41
5.2.11	4" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$9.60
5.2.12	6" Perf. Field Drain, 7-9' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$10.66
5.2.13	4" Perf. Field Drain, 12' deep, bankrun gravel, incl. Mob	L.F.	\$16.41
5.2.14	4" Perf. Field Drain, 12' deep, geotextile, bankrun gravel, incl. Mob	L.F.	\$16.77
5.3.1	Hauling, Borrow, 2 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$7.52
5.3.2	Hauling, Borrow, 5 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$8.14
5.3.3	Hauling, Borrow, 10 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$9.38
5.3.4	Hauling, Borrow, 20 mi. RT, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$11.88
5.3.5	Hauling, Borrow, 1/2 mi. RT, Off Road Truck, inc. loading & spread w/ dozer, no mat. \$	C.Y.	\$11.40
6.1.5	Backfill, bulk, up to 300' haul, dozer backfilling, excludes compaction	C.Y.	\$1.49
6.1.6	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with sheepsfoot roller	C.Y.	\$3.53
6.1.7	Backfill, trench, 6" to 12" lifts, dozer backfilling, compaction with vibrating roller	C.Y.	\$3.23
6.2.1	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 150' haul, dozer	C.Y.	\$3.65
6.2.2	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 150' haul	C.Y.	\$4.19
6.2.3	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 150' haul	C.Y.	\$6.64
6.2.4	Excavating, bulk, open site, bank measure, sand & gravel, 105 H.P., 300' haul, dozer	C.Y.	\$8.07
6.2.5	Excavating, bulk, dozer, open site, bank measure, common earth, 105 H.P. dozer, 300' haul	C.Y.	\$9.44
6.2.6	Excavating, bulk, dozer, open site, bank measure, clay, 105 H.P. dozer, 300' haul	C.Y.	\$11.29
6.2.7	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 150' haul, dozer	C.Y.	\$3.02
6.2.8	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 150' push	C.Y.	\$3.50

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

Unit Definitions: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour),
L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
6.2.9	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 150' push	C.Y.	\$5.55
6.2.10	Excavating, bulk, open site, bank measure, sand & gravel, 200 H.P., 300' haul, dozer	C.Y.	\$5.81
6.2.11	Excavating, bulk, dozer, open site, bank measure, common earth, 200 H.P. dozer, 300' push	C.Y.	\$6.67
6.2.12	Excavating, bulk, dozer, open site, bank measure, clay, 200 H.P. dozer, 300' push	C.Y.	\$10.58
6.2.13	Excavating, structural, bank measure, common earth, 1 C.Y. bucket, hydr. backhoe	C.Y.	\$15.22
6.2.14	Excavating, bulk, 1 C.Y. capacity = 75 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	\$2.06
6.2.15	Excavating, bulk, 1-1/2 C.Y. cap. = 100 C.Y./hr, backhoe, hydraulic, crawler mounted	C.Y.	\$1.87
6.2.16	Excavating, bulk, 2 C.Y. cap. = 130 C.Y./hour, backhoe, hydraulic, crawler mounted	C.Y.	\$1.63
6.2.17	Excavating, trench, common earth, 1' to 4' deep, 1/2 C.Y. cap., tractor loader/backhoe	C.Y.	\$6.25
6.2.18	Excavating, trench, 4' to 6' deep, 5/8 C.Y. bucket, hydraulic backhoe	C.Y.	\$5.84
6.2.19	Excavating, trench, 4' to 6' deep, 3/4 C.Y. bucket, expose pipe, hydraulic backhoe	C.Y.	\$5.07
6.2.20	Excavating, trench, 6' to 10' deep, 3/4 C.Y. bucket, hydraulic backhoe	C.Y.	\$6.76
6.2.21	Excavating, trench, 6' to 10' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	\$4.12
6.2.22	Excavating, trench, 10' to 14' deep, 1 C.Y. bucket, hydraulic backhoe	C.Y.	\$4.57
6.3.2	Excavation-Rock, drilling, blasting, hauling away 4 mi RT, >225 C.Y.	C.Y.	\$39.83
6.3.4	Drilling & blasting rock- open face (min. 225 C.Y., max. 1500 C.Y.)	C.Y.	\$12.54
6.3.5	Drilling & blasting rock- w/ blasting mats (min. 175 C.Y., max. 1500 C.Y.)	C.Y.	\$15.59
6.3.6	Drilling & blasting rock-deep hole method (min. 50 C.Y., max. 1500 C.Y.)	C.Y.	\$49.25
6.3.7	Drilling & blasting rock-restricted areas (min. 13 C.Y., max. 1500 C.Y.)	C.Y.	\$184.91
6.3.8	Drilling & blasting rock- boulders, drilled and blasted (min. 100 C.Y.)	C.Y.	\$25.74
6.3.9	Excavation-Rock, ripped w/ dozer	C.Y.	\$21.16
6.5.0	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer, 6" deep, 300' haul	C.Y.	\$3.42
6.5.1	Topsoil stripping and stockpiling, loam or topsoil, remove and stockpile on site, 200 HP dozer, 6" deep, 200' haul	C.Y.	\$2.05
6.5.2	Loam or topsoil, F.E. loader, remove, stockpile on site, spread frm pile to rough grade	C.Y.	\$4.03
6.5.3	Topsoil stripping and stockpiling, topsoil, clay, dry and soft,adverse conditions, 200 H.P. dozer	C.Y.	\$2.23
6.5.4	Topsoil stripping and stockpiling, clay, dry and soft, ideal conditions, 200 H.P. dozer	C.Y.	\$1.11
6.5.5	Stripping, topsoil, sandy loam, adverse cond., 200 H.P. dozer, stripping and stockpile	C.Y.	\$1.54
6.5.6	Stripping, topsoil, sandy loam, ideal conditions, 200 H.P. dozer, stripping & stockpile	C.Y.	\$0.79
6.6.0	Compaction, structural, 5 tons, steel wheel tandem roller	Hr.	\$78.63
6.6.1	Compaction, structural, 10 tons, steel wheel tandem roller	Hr.	\$92.54
6.6.2	Compaction, structural, common fill, 8" lifts, sheepsfoot or wobbly wheel roller	C.Y.	\$1.32
6.6.3	Compaction, structural, common fill, 8" lifts, vibratory plate	C.Y.	\$1.98
6.7.1	Leaching Camber - material cost only	L.F.	\$12.61
6.7.2	Distribution box - concrete, 5-7 outlets, excludes excavation or piping	Ea.	\$153.00
6.7.3	Crushed stone for trench, 3/4", excludes excavation, piping & fabric	C.Y.	\$30.75
6.7.4	Pipe - PVC, Perforated, 4" diameter, SDR 35, excludes excavation or backfill	L.F.	\$2.61

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
6.7.5	Excavate trench for disposal field, 4' wide, w/ backhoe	L.F.	\$1.97
6.7.6	Infiltration Chamber- excav., chamber, stone, pipe, geotextile & backfill included	L.F.	\$31.02
6.8.0	Soil testing, Hydrometer analysis	Ea.	\$120.00
6.8.1	Soil testing, Specific gravity	Ea.	\$48.00
6.8.2	Soil testing, Sieve analysis, washed	Ea.	\$60.00
6.8.3	Soil testing, Moisture content	Ea.	\$10.00
6.8.4	Soil testing, Atterberg limits, liquid and plastic limits	Ea.	\$65.00
6.8.5	Soil testing, permeability, variable or constant head, undisturbed	Ea.	\$250.00
6.8.6	Soil testing, Proctor compaction, 4" standard mold	Ea.	\$135.00
6.8.7	Soil testing, Proctor compaction, 6" modified mold	Ea.	\$75.00
6.8.9	Subsurface investigation, test pits, loader/backhoe, heavy soil	C.Y.	\$61.64
6.8.11	Subsurface investigation, test pits, loader/backhoe, light soil	C.Y.	\$44.17
6.8.12	Testpits for Manure Storage, approx. 4 pits	L.S.	\$835.02
6.8.13	Soil Testing, waste storage pond-classification & permeability	EA.	\$880.00
6.8.14	Soil testing, permeability test, double ring infiltrometer	Ea.	\$550.00
6.9.0	Backhoe (rented), 40-45 Hp, 1/2 CY Capacity, w/ operator	HR.	\$79.24
6.9.1	Backhoe (rented), Large, 100 Hp, 3/4 C.Y. Capacity, w/ operator	HR.	\$85.47
6.9.2	Dozer (rented), Small - Finish Work, 75 Hp, w/ operator	HR.	\$98.32
6.9.3	Dozer (rented), Medium, 105 Hp, w/ operator	HR.	\$117.68
6.9.4	Dozer (rented), Medium, 140 Hp, w/ operator	HR.	\$134.97
6.9.5	Dozer (rented), Large, 200 Hp, w/ operator	HR.	\$192.38
6.9.6	Excavator (rented), Small, 1/2 CY Bucket, w/ operator	HR.	\$101.79
6.9.7	Excavator (rented), Medium, 1.0 CY Bucket, w/ operator	HR.	\$133.61
6.9.8	Excavator (rented), Large, 1.5 CY Bucket, w/ operator	HR.	\$160.58
6.9.10	Excavator (rented), Medium, 3/4 CY Bucket, w/ operator	HR.	\$125.31
6.9.11	Skid Steer Loader (rented), Large, 78 Hp, 1.0 C.Y. Capacity, w/ operator	HR.	\$76.65
6.9.12	Dump Truck (rented), tandum axle, 12 ton capacity, w/ operator	HR.	\$79.91
6.9.13	Dump Truck (rented), tri-axle, 12 ton capacity, w/ operator	HR.	\$100.94
6.9.14	Dump Truck (rented), off-road, 25 ton capacity, w/ operator	HR.	\$182.55
6.9.15	Tandum Dump Truck, hired	HR.	\$65.00
6.9.16	Smooth Drum Vibratory Roller (rented), 125 h.p., w/ operator	HR.	\$137.05
6.9.17	Sheepsfoot Vibratory Roller (rented), 200 h.p., w/ operator	HR.	\$178.54
6.10.1	Mob. or demob. dozer, loader, backhoe or excavator, 70 H.P. to 250 H.P., up to 50 mi.	Ea.	\$229.48
6.10.2	Mob. or demob., dozer, loader, backhoe or excavator, above 250 H.P., up to 50 miles	Ea.	\$380.61
6.10.3	Mobilization or demobilization, for small equipment on flatbed trailer, maximum	Ea.	\$156.71
6.11.1	Dewatering, pumping, 8 hr., attended 2 hours per day, 2" diaphragm pump	Day	\$136.55

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

Unit Definitions: **S.Y.** (Square Yards), **M.S.F.** (1,000 Square Feet), **S.F.** (Square Feet), **L.F.** (Linear Feet), **C.Y.** (Cubic Yard), **EA.** (Each), **HR.** (Hour),
L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
6.11.2	Dewatering, pumping, 8 hr., attended 8 hours per day, 2" diaphragm pump	Day	\$546.06
6.12.1	Bedding, for pipe and conduit, crushed or screened bank run gravel, exc. compaction	C.Y.	\$33.94
6.12.2	Fill by borrow and utility bedding, for pipe and conduit, crushed stone, 3/4" to 1/2", excludes compaction	C.Y.	\$47.68
6.12.3	Fill by borrow and utility bedding, for pipe and conduit, sand, dead or bank, excludes compaction	C.Y.	\$18.18
6.12.4	Fill by borrow and utility bedding, for pipe and conduit, compacting bedding in trench	C.Y.	\$4.38
6.13.1	Labor, unskilled	HR.	\$15.00
6.13.2	Labor, unskilled w/ chainsaw	HR.	\$20.00
7.1.2	Fence, Electric, 2 strand (Non High Tensile)	L.F.	\$1.29
7.1.4	Fence, Wood, 3 board	L.F.	\$6.50
7.1.6	Fence, Barbed Wire, 3 strand	L.F.	\$2.30
7.1.7	Fence, Barbed Wire, 4 strand	L.F.	\$2.80
7.1.9	Fence, High Tensile, 2 strand	L.F.	\$1.25
7.1.10	Fence, High Tensile, 3 strand	L.F.	\$1.50
7.1.11	Fence, High Tensile, 4 strand	L.F.	\$1.89
7.1.12	Fence, High Tensile, 5 strand	L.F.	\$2.07
7.1.13	Fence, High Tensile, 6 strand	L.F.	\$3.25
7.1.15	Fence, Woven Wire (Pagewire) 4ft	L.F.	\$4.50
7.1.16	Fencing, 19 ga.Stainless Steel Wire, Portable Fencing	L.F.	\$0.05
7.1.17	Fencing, Deer Net, 8ft	L.F.	\$0.65
7.1.18	Fencing, Poly Net (sheep & chickens)	L.F.	\$1.28
7.1.19	Fencing, Poly Wire	L.F.	\$0.04
7.1.20	Fencing, Ribbon Type (horses)	L.F.	\$0.14
7.1.21	Fence, Electric, portable polywire or tape w/ posts	L.F.	\$0.26
7.1.22	Brace, Corner Type, Fence	EA.	\$132.00
7.1.23	Brace, End Type, Fence	EA.	\$79.00
7.1.24	Charger, Fence, > 2000ft	EA.	\$550.00
7.1.25	Charger, Fence, 12V Solar Powered	EA.	\$500.00
7.1.26	Post, Fence, Cedar 6 ft	EA.	\$2.50
7.1.27	Post, Fence, Pressure Treated 4x4x8	EA.	\$12.50
7.1.28	Fencing, Steel Braided Flexible Wire	L.F.	\$0.17
7.1.29	Fence, Lock Link Woven Wire, w/ offset & top electric	L.F.	\$4.50
7.1.30	Handle for Gate	EA.	\$8.00
7.1.31	Post Hole Digging	EA.	\$3.15
7.1.32	Fence, Chain Link, 5' high, 1 5/8" posts 10' o.c.	L.F.	\$8.25
7.1.33	Fence, Chain Link, 6' high, 1 5/8" posts 10' o.c.	L.F.	\$12.06
7.1.34	Post, Portable	EA.	\$3.00

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
7.2.1	Gate, Fence, light duty	L.F.	\$14.75
7.2.2	Gate, Fence, heavy duty	L.F.	\$17.63
7.2.3	Gate, Fence, Panel Type	EA.	\$175.00
7.2.4	Gate, Fence, Spring Type, 2 Wire	EA.	\$35.00
10.1.1	Geotextile (non-woven)	S.Y.	\$1.45
10.1.3	Geotextile (woven)	S.Y.	\$1.45
10.1.4	Geotextile - Non Woven (drainage), small areas	S.Y.	\$1.51
10.2.2	Geojute (erosion control netting)	S.Y.	\$1.31
10.2.3	Straw Erosion Control Mat	S.Y.	\$1.44
10.3.3	Liner, pond, LLDPE, 40 mil., includes geotextile, up to two boots, field welding, typ. prep. work	S.F.	\$0.85
10.3.4	Liner, pond, LLDPE, 40 mil., incl. sand cushion, geotextile, liner & inst.	S.F.	\$1.30
10.4.0	Synthetic erosion control, plastic netting, 20 mil, 2" x 1" mesh, stapled	S.Y.	\$0.88
10.4.1	Synthetic erosion control, silt fence, polypropylene, adverse conditions, 3' high	L.F.	\$1.02
10.4.2	Synthetic erosion control, silt fence, polypropylene, ideal conditions, 3' high	L.F.	\$0.72
10.5.0	Compost cover	S.Y.	\$1.35
11.1.0	Wall Insulation, Rigid, expanded polystyrene, 1" thick, R3.85	S.F.	\$0.48
11.1.1	Wall Insulation, Rigid, expanded polystyrene, 2" thick, R7.69	S.F.	\$0.95
11.1.2	Wall Insulation, Rigid, expanded polystyrene, 3" thick, R11.49	S.F.	\$1.16
12.1.1	Lane, 8' wide, strip, geotextile fabric, 8" gravel, seeding - incl. Mob.	L.F.	\$15.56
12.1.3	Lane, 8' wide, strip, geotextile fabric, 12" gravel, seeding - incl. Mob.	L.F.	\$18.29
12.1.5	Walkway, 4' wide, strip, geotextile fabric, 8" stone.	L.F.	\$9.04
12.3.1	Lane, 12' wide, strip, geotextile fabric, 8" gravel, seeding - incl. Mob.	L.F.	\$17.66
12.3.2	Lane, 12' wide, strip, geotextile fabric, 12" gravel, seeding - incl. Mob.	L.F.	\$21.14
12.3.3	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed & Mob.	L.F.	\$20.69
12.3.4	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 12" gravel, seed.	L.F.	\$20.23
12.3.5	Access Road, 12' wide w/ 1' shoulders, strip, fabric, 18" gravel, seed & Mob.	L.F.	\$25.92
12.3.6	Access Road, 12' wide w/ 1' sholders, strip, fabric, 18" gravel, seed.	L.F.	\$25.46
12.3.7	Access Road, 16' wide, strip, geotextile fabric, 12" gravel, seed - incl. Mob.	L.F.	\$27.21
12.3.8	Access Road, 16' wide, strip, geotextile fabric, 12" gravel & seed.	L.F.	\$26.75
12.3.9	Access Road, 16' wide, strip, geotextile fabric, 18" gravel, seed - incl. Mob.	L.F.	\$34.18
12.3.10	Access Road, 16' wide, strip, geotextile fabric, 18" gravel & seed	L.F.	\$33.72
13.1.1	Horizontal boring, 24" diameter casing, includes casing only, 100' min., exc. pits	L.F.	\$282.22
13.1.2	Horizontal boring, 36" diameter casing, includes casing only, 100' min., exc. pits	L.F.	\$385.43
13.1.4	Horizontal boring, 48" diameter casing, includes casing only, 100' min., exc. pits	L.F.	\$471.39
13.1.5	For Ledge, horizontal boring, 100' minimum, ADD	L.F.	\$196.46
14.1.3	8" CMP, galvanized uncoated, 20' lengths, 16 ga.,excludes excavation and backfill	L.F.	\$10.87

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
14.1.4	10" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	\$12.37
14.1.5	12" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	\$14.58
14.1.7	18" CMP, galvanized uncoated, 20' lengths, 16 ga., excludes excavation and backfill	L.F.	\$21.84
14.1.8	24" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	\$30.44
14.1.10	30" CMP, galvanized uncoated, 20' lengths, 14 ga., excludes excavation and backfill	L.F.	\$40.87
14.1.12	36" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	\$61.00
14.1.13	48" CMP, galvanized uncoated, 20' lengths, 12 ga., excludes excavation and backfill	L.F.	\$80.02
14.1.14	60" CMP, galvanized uncoated, 20' lengths, 10 ga., excludes excavation and backfill	L.F.	\$128.42
16.1.0	Pipe, Corrugated Plastic Tubing, single wall, perforated, 4", material cost only	L.F.	\$0.48
16.1.1	Pipe, Corrugated Plastic Tubing, single wall, perforated, 6", material cost only	L.F.	\$1.25
16.1.2	Pipe, Corrugated HDPE, Dbl Wall, 6", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$2.97
16.1.3	Pipe, Corrugated HDPE, Dbl Wall, 8", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$4.47
16.1.4	Pipe, Corrugated HDPE, Dbl Wall, 10", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$6.33
16.1.5	Pipe, Corrugated HDPE, Dbl Wall, 12", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$6.80
16.1.6	Pipe, Corrugated HDPE, Dbl Wall, 15", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$9.28
16.1.7	Pipe, Corrugated HDPE, Dbl Wall, 18", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$14.35
16.1.8	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$21.63
16.1.10	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$33.66
16.1.12	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$41.86
16.1.13	Pipe, Corrugated HDPE, Dbl Wall, 48", 20' lengths, SOIL TIGHT, material cost only	L.F.	\$70.45
16.2.0	Pipeline, Black Poly, 3/4", 100 psi, material cost only	L.F.	\$0.25
16.2.1	Pipeline, Black Poly, 3/4", 160 psi, material cost only	L.F.	\$0.50
16.2.2	Pipeline, Black Poly, 1", 100 psi, material cost only	L.F.	\$0.35
16.2.3	Pipeline, Black Poly, 1", 160 psi, material cost only	L.F.	\$0.71
16.2.4	Pipeline, Black Poly, 1-1/4", 160 psi, material cost only	L.F.	\$1.40
16.2.5	Pipeline, Black Poly, 1-1/2", 160 psi, material cost only	L.F.	\$1.36
16.2.6	Pipeline, Black Poly, 2", 160 psi, material cost only	L.F.	\$2.17
16.2.8	Clamp, Stainless Steel, 3/4"	EA.	\$0.99
16.2.9	Trench, shallow for buried pipeline (installed w/ plow or back blade)	L.F.	\$0.50
17.1.5	Pipe, PVC, SDR 35, 4" Dia., Material cost only (Local cost)	L.F.	\$1.32
17.1.6	Pipe, PVC, SDR 35, 6" Dia., Material cost only (Local cost)	L.F.	\$3.01
17.1.7	Pipe, PVC, SDR 35, 8" Dia., Material cost only (Local cost)	L.F.	\$5.11
17.1.8	Pipe, PVC, SDR 35, 10" Dia., Material cost only (Local cost)	L.F.	\$8.03
17.1.9	Pipe, PVC, SDR 35, 12" Dia., Material cost only (Local cost)	L.F.	\$8.73
17.1.10	Pipe, PVC, SDR 35, 15" Dia., Material cost only (Local cost)	L.F.	\$15.67
17.1.15	Pipe, PVC, SDR 35, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$7.77

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
17.1.16	Pipe, PVC, SDR 35, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$10.19
17.1.17	Pipe, PVC, SDR 35, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$12.29
17.1.18	Pipe, PVC, SDR 35, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$15.21
17.1.19	Pipe, PVC, SDR 35, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$16.64
17.1.20	Pipe, PVC, SDR 35, 15" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$23.58
17.2.2	Pipe, PVC, SCH. 40, 2" Dia., Material cost only (Local cost)	L.F.	\$0.87
17.2.3	Pipe, PVC, SCH. 40, 3" Dia., Material cost only (Local cost)	L.F.	\$1.78
17.2.4	Pipe, PVC, SCH. 40, 4" Dia., Material cost only (Local cost)	L.F.	\$2.49
17.2.5	Pipe, PVC, SCH. 40, 6" Dia., Material cost only (Local cost)	L.F.	\$4.42
17.2.6	Pipe, PVC, SCH. 40, 8" Dia., Material cost only (Local cost)	L.F.	\$6.85
17.2.7	Pipe, PVC, SCH. 40, 10" Dia., Material cost only (Local cost)	L.F.	\$11.40
17.2.8	Pipe, PVC, SCH. 40, 12" Dia., Material cost only (Local cost)	L.F.	\$15.79
17.2.10	Pipe, PVC, SDR 26, 2" Dia., Material cost only (Local cost)	L.F.	\$0.78
17.2.11	Pipe, PVC, SDR 26, 3" Dia., Material cost only (Local cost)	L.F.	\$1.62
17.2.12	Pipe, PVC, SDR 26, 4" Dia., Material cost only (Local cost)	L.F.	\$2.96
17.2.13	Pipe, PVC, SDR 26, 6" Dia., Material cost only (Local cost)	L.F.	\$6.12
17.2.14	Pipe, PVC, SDR 26, 8" Dia., Material cost only (Local cost)	L.F.	\$7.26
17.2.15	Pipe, PVC, SDR 26, 10" Dia., Material cost only (Local cost)	L.F.	\$11.61
17.2.16	Pipe, PVC, SDR 26, 12" Dia., Material cost only (Local cost)	L.F.	\$15.50
17.2.17	Pipe, PVC, SDR 26, 16" Dia., Material cost only (Local cost)	L.F.	\$18.77
17.2.22	Pipe, PVC, SCH 40, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$7.32
17.2.23	Pipe, PVC, SCH 40, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$8.23
17.2.24	Pipe, PVC, SCH 40, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$8.94
17.2.25	Pipe, PVC, SCH 40, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$11.60
17.2.26	Pipe, PVC, SCH 40, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$14.02
17.2.27	Pipe, PVC, SCH 40, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$18.58
17.2.28	Pipe, PVC, SCH 40, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$23.70
17.2.30	Pipe, PVC, SDR 26, 2" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$7.23
17.2.31	Pipe, PVC, SDR 26, 3" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$8.07
17.2.32	Pipe, PVC, SDR 26, 4" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$9.41
17.2.33	Pipe, PVC, SDR 26, 6" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$13.30
17.2.34	Pipe, PVC, SDR 26, 8" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$14.44
17.2.35	Pipe, PVC, SDR 26, 10" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$18.79
17.2.36	Pipe, PVC, SDR 26, 12" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$23.41
17.2.37	Pipe, PVC, SDR 26, 16" Dia., Excav. And Backfill Included (avg. trench 3' wide x 5' depth)	L.F.	\$26.67
17.3.0	Ball Valve, Socket, 1-1/2", PVC	EA.	\$22.41

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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Number	Item	Unit	050
17.3.1	Ball Valve, Socket, 2", PVC	EA.	\$29.74
17.3.2	Ball Valve, True Union, Socket, 1-1/2"	EA.	\$74.35
17.3.3	Ball Valve, True Union, Socket, 2"	EA.	\$104.19
17.3.5	Ball Valve, True Union, Socket, 3"	EA.	\$245.29
17.3.6	Ball Valve, 3 Way, True Union, Socket, 1-1/2"	EA.	\$145.82
17.3.7	Ball Valve, 3 Way, True Union, Socket, 2"	EA.	\$180.38
17.4.0	Headwall & Rodent Guard, 4"-8" pipe	EA.	\$73.35
18.1.0	Steel Pipe, 2" dia., SCH 40, material cost only	L.F.	\$7.05
18.1.1	Steel Pipe, 3" dia., SCH 40, material cost only	L.F.	\$11.91
18.1.2	Steel Pipe, 4" dia., SCH 40, material cost only	L.F.	\$15.72
18.1.3	Steel Pipe, 6" dia., SCH 40, material cost only	L.F.	\$28.59
18.1.4	Pipe, steel, black, welded, 2" diameter, schedule 40, Welded	L.F.	\$16.88
18.1.5	Pipe, steel, black, welded, 3" diameter, schedule 40, Welded	L.F.	\$26.03
18.1.6	Pipe, steel, black, welded, 4" diameter, schedule 40, Welded	L.F.	\$32.35
18.1.7	Pipe, steel, black, welded, 6" diameter, schedule 40, Welded	L.F.	\$54.92
18.2.0	16" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	\$54.36
18.2.1	16" dia. Elbow, Steel, 15 or 30 deg., MATERIAL COST ONLY	EA.	\$291.82
18.2.3	16" dia. Elbow, Steel, 45 deg., MATERIAL COST ONLY	EA.	\$381.47
18.2.4	16" dia. Elbow, Steel, 60 deg long radius., MATERIAL COST ONLY	EA.	\$581.74
18.2.5	Guillotine Safety Valve, 16" dia. , material cost only	EA.	\$2,073.92
18.2.6	Guillotine Safety Valve, 12" dia. , material cost only	EA.	\$2,011.41
18.2.7	Guillotine Safety Valve, 8" dia. , material cost only	EA.	\$890.54
18.2.8	Guillotine Safety Valve, 6" dia. , material cost only	EA.	\$806.10
18.2.9	16" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	\$106.74
18.2.10	6" Reception pit 2 valve system, for PTO type pump, riser, valves, flex hose, elbow, clamps	EA.	\$2,340.43
18.3.0	24" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	\$100.90
18.3.1	24" dia. Elbow, Steel, long radius 90 deg., MATERIAL COST ONLY	EA.	\$1,204.50
18.3.2	24" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	\$169.76
18.3.3	30" dia. Pipe, Steel, Waste Transfer - installed w/ clean sand envelope	L.F.	\$184.02
18.4.0	30" dia. Pipe, Steel, Waste Transfer, MATERIAL COST ONLY	L.F.	\$113.30
18.4.1	30" dia. Elbow, Steel, long radius 90 deg., MATERIAL COST ONLY	EA.	\$1,379.02
20.1.1	Rip-rap and rock lining, random, broken stone, machine placed for slope protection	C.Y.	\$47.87
20.1.2	Rip-rap, random, broken stone, 18" min. thickness, machine placed slope protection	S.Y.	\$74.97
20.1.4	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 9" deep	S.Y.	\$46.33
20.1.5	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 12" deep	S.Y.	\$50.52
20.1.6	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 18" deep	S.Y.	\$73.28

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), V.F. (Vertical Feet), B.F. (Board Feet), M.B.F. (1,000 Board Feet)

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Number	Item	Unit	050
20.1.7	Gabion boxes, galvanized steel mesh mats or boxes, stone filled, 36" deep	S.Y.	\$113.56
20.2.0	Tree Revetment, <20 ft length, single row	L.F.	\$8.73
20.2.1	Tree Revetment, <20 ft length, double row	L.F.	\$19.00
20.2.2	Tree Revetment, <20 ft length, double row, w/ live stakes/cuttings	L.F.	\$21.31
20.2.3	Live Stakes, installed	EA.	\$2.98
20.2.4	Facines/Wattles, installed	L.F.	\$4.97
20.2.5	Joint Plantings, installed	EA.	\$4.11
20.2.6	6" Duckbill Anchors, material cost only	EA.	\$9.04
20.2.7	1/4" Clamp, material cost only	EA.	\$0.29
20.2.8	1/4" Aircraft Cable, material cost only	L.F.	\$0.38
20.2.9	Swaging Tool, material cost only	EA.	\$194.15
20.2.10	Duckbill Anchor, 9ft Cable & 4 Clamps (1 Unit), material cost only	EA.	\$13.65
20.2.11	Lunker Boxes, installed	EA.	\$256.82
20.2.12	Stream Barb/Rock Vein	C.Y.	\$56.50
21.1.0	Aluminum gutters, stock units, plain, 5" box, .027" thick	L.F.	\$3.63
21.1.1	Aluminum gutters, stock units, plain, 5" box, .032" thick	L.F.	\$4.92
21.2.0	Roof Structure - hoop type, truss arch w/ fabric. Installed	S.F.	\$8.01
21.2.1	Roof Structure - pole type w/ wood truss & metal roof. Installed	S.F.	\$9.63
22.2.0	Manhole, Precast, 4' dia, Cover, delivered, excav. not incl.	EA.	\$173.54
22.2.1	Manhole, Precast, 4' dia, Section, delivered, excav. not incl.	L.F.	\$93.73
22.2.2	Manhole, Precast, 4' dia, Base, delivered, excav. not incl.	EA.	\$139.26
22.3.0	Manhole, Precast, 5' dia, Cover, delivered, excav. not incl.	EA.	\$334.76
22.3.1	Manhole, Precast, 5' dia, Section, delivered, excav. not incl.	L.F.	\$158.01
22.3.2	Manhole, Precast, 5' dia, Base, delivered, excav. not incl.	EA.	\$259.77
22.4.0	Manhole, Precast, 6' dia, Cover, delivered, excav. not incl.	EA.	\$602.57
22.4.1	Manhole, Precast,6' dia, Section, delivered, excav. not incl.	L.F.	\$214.25
22.4.2	Manhole, Precast, 6' dia, Base, delivered, excav. not incl.	EA.	\$423.14
22.5.0	Well tile, Precast, 3' dia, Base, delivered, excav. not incl.	EA.	\$91.05
22.5.1	Well tile, Precast, 3' dia, Cover, delivered, excav. not incl.	EA.	\$99.09
22.5.2	Well tile, Precast, 3' dia, Section, delivered, excav. not incl.	L.F.	\$83.02
22.6.1	Catchbasin, Precast Concrete, 2' square or round, cast grate, 6' deep, excav. not incl.	EA.	\$923.94
23.1.0	Lumber, pressure treated , 2" x 10"	M.B.F.	\$863.36
23.1.1	Lumber, pressure treated , 2" x 12"	M.B.F.	\$1,162.22
23.1.2	Lumber, pressure treated , 2" x 4"	M.B.F.	\$979.58
23.1.3	Lumber, pressure treated , 2" x 6"	M.B.F.	\$891.03
23.1.4	Lumber, pressure treated , 2" x 8"	M.B.F.	\$874.43

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
23.1.5	Lumber, pressure treated , 4" x 4"	M.B.F.	\$1,245.23
23.1.6	Lumber, pressure treated , 4" x 6"	M.B.F.	\$1,355.92
23.1.7	Lumber, pressure treated , 4" x 8"	M.B.F.	\$1,355.92
23.1.8	Lattice, pressure treated, HD, installed	S.F.	\$1.04
23.2.0	Lumber, pressure treated, 6" x 6"	B.F.	\$1.45
23.2.1	Lumber, pressure treated, 8 "x 8"	B.F.	\$1.92
23.5.1	Hopper Building, wood structure, no conc., metal roof, window, exhaust fan.	Ea.	\$4,175.91
23.5.2	Hopper Building, w/ slab, frost wall, windows, metal roof & exhaust fan	S.F.	\$61.65
23.5.3	Hopper Bldg Exhaust Fan, 800 cfm, 1/12 h.p.	Ea.	\$430.39
23.5.7	Water Tank Valve, w/ mounting brackets	EA.	\$44.25
24.1.6	Pipe, HDPE 24" WATER TIGHT - installed w/ clean stone envelope	L.F.	\$57.88
24.1.12	Pipe, HDPE 30" WATER TIGHT - installed w/ clean stone envelope	L.F.	\$73.03
24.1.16	Pipe, HDPE 36" WATER TIGHT - installed w/ clean stone envelope	L.F.	\$83.96
24.1.23	Elbow, HDPE 24" WATER TIGHT - material cost only	EA.	\$366.08
24.1.24	Elbow, HDPE 30" WATER TIGHT - material cost only	EA.	\$777.81
24.1.25	Elbow, HDPE 36" WATER TIGHT - material cost only	EA.	\$1,291.07
24.1.26	Pipe, Corrugated HDPE, Dbl Wall, 24", 20' lengths, WATER TIGHT, material cost only	L.F.	\$23.60
24.1.27	Pipe, Corrugated HDPE, Dbl Wall, 30", 20' lengths, WATER TIGHT, material cost only	L.F.	\$36.75
24.1.28	Pipe, Corrugated HDPE, Dbl Wall, 36", 20' lengths, WATER TIGHT, material cost only	L.F.	\$45.67
24.1.29	Elbow, HDPE 24" WATER TIGHT - installed w/ clean stone backfill	E.A.	\$802.39
24.1.30	Elbow, HDPE 30" WATER TIGHT - installed w/ clean stone backfill	E.A.	\$1,355.58
24.1.31	Elbow, HDPE 36" WATER TIGHT - installed w/ clean stone backfill	E.A.	\$1,985.68
24.3.1	Manure Pump, Agitator/Unload, trailer type, PTO type	EA.	\$18,905.12
24.3.4	Manure Pump, Agitator/Unload, vertical wall type, 3pt hitch, PTO type	EA.	\$11,631.44
24.3.5	Manure Pump, Auger, w/ electric motor	EA.	\$6,937.88
24.3.6	Manure Pump, 4" Electric, liquid manure only, w/ 10hp motor, use 6" transfer pipe, inc. wiring	EA.	\$10,294.08
24.4.1	Manure, Elevator, 40ft, suspended, inc. wiring, no concrete	EA.	\$12,155.33
24.5.1	Manure Pump, Air System	EA.	\$25,426.27
24.5.3	Manure Pump, Hollow Piston Type-slurry manure, no conc. work , inc. wiring	EA.	\$19,371.66
24.5.4	Manure Agitator, propeller w/ 10 hp electric motor, includes wiring	EA.	\$7,488.26
24.5.7	Manure Pump, Solid Piston Type-solid manure, no conc. work , inc. wiring	EA.	\$22,502.26
24.6.0	Septic Tank, Precast, 1000gal, excav. not incl.	EA.	\$1,154.79
24.6.1	Septic Tank, Precast, 1500gal, excav. not incl.	EA.	\$1,580.07
24.6.2	Septic Tank, Precast, 2000gal, excav. not incl.	EA.	\$2,383.49
24.6.3	Septic Tank, Precast, Heavy Duty-drive on, 1000gal, excav. not incl.	EA.	\$3,722.53
24.6.4	Septic Tank, Precast, Heavy Duty-drive on, 1500gal, excav. not incl.	EA.	\$4,499.18

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
24.6.5	Septic Tank, Precast, Heavy Duty-drive on, 2000gal, excav. not incl.	EA.	\$5,356.16
24.6.6	Grease Trap, 1000gal, no exc. or bckfill, w/ 8" effluent filter	EA.	\$1,553.29
24.6.7	Pump Station, Precast, 1000gal, excav. not incl., 1/2hp sewage pump included	EA.	\$2,865.55
24.6.8	Pump Station, Precast, heavy duty-drive on, 1000gal, excav. not incl., no pump	EA.	\$3,776.10
24.6.9	Pump Station, Precast, heavy duty-drive on, 1500gal, excav. not incl., no pump	EA.	\$4,633.08
24.6.10	Pump Station, Precast, heavy duty-drive on, 2000gal, excav. not incl, no pump	EA.	\$5,409.73
24.6.11	Pump Station, Precast, 1000gal, excav. not incl., no pump	EA.	\$1,449.38
24.6.12	Septic Tank, Precast, 3000gal, excav. not incl.	EA.	\$3,307.43
24.7.2	Sewage Pump, 2" solids handling, 1.5 - 2hp	EA.	\$2,245.30
24.7.3	Sewage Pump, 3" Agitator Type, vertical shaft, 3 - 5hp motor, includes wiring	EA.	\$4,523.90
24.7.4	Sewage Pump, 2" solids handling, 0.5 - 1hp	EA.	\$1,980.17
24.7.5	Sewage Pump, 3" solids handling, 3hp	EA.	\$4,248.51
24.7.7	Sewage Pump, 2" solids handling, stainless steel, 0.5 - 1hp	EA.	\$1,980.17
24.7.8	Silage Leachate Screen	EA.	\$146.43
24.7.9	Silage Leachate Orifice	EA.	\$86.72
24.7.11	Hydraulic Transfer Pump	EA.	\$2,312.63
24.8.1	Infiltration trench - excav., stone, pipe, geotextile & backfill included	L.F.	\$18.41
24.9.0	Safety Grate-6' diam. , 4" steel pipe	Ea.	\$1,494.37
24.12.0	Pushoff Safety Stop - 8' width, 4" steel pipe, 4" posts	EA.	\$927.25
24.12.1	Safety Signs, Structure or Hopper	EA.	\$28.52
24.12.2	Safety Signs, Structure, attached to fence	EA.	\$26.00
25.1.0	Hydrant, Frost Free - installed	EA.	\$247.00
25.1.1	Hydrant, Frost Free Hydrant - material cost only	EA.	\$122.00
25.1.2	Float Valve Assembly - not installed	EA.	\$25.00
25.1.3	"T" Post, 8' galvanized	EA.	\$8.50
25.1.4	Remove old Fenceline (3-6' wide)	L.F.	\$1.50
25.2.2	3/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$6.55
25.2.3	1" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$6.79
25.2.4	1 1/4" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$7.58
25.2.5	1 1/2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$7.54
25.2.6	2" Poly. 160 psi Waterline, 4' deep, bankrun gravel initial backfill, incl. Mob	L.F.	\$8.47
25.3.0	Water Stock Tank, Galvanized Steel- 103 Gallon	EA.	\$85.00
25.3.1	Water Facility -1000 gal water tank not installed	EA.	\$550.00
25.3.2	Water Facility, 15 gal., insulated	EA.	\$560.00
25.3.3	Water Facility, 20 gal., insulated	EA.	\$700.00
25.3.4	Water Stock Tank, Galvanized Steel- 294 Gallon	EA.	\$200.00

Vermont 2008 Component Cost Data (White River Junction Zip Code Area 050)

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L.C.Y. (100 Cubic Yards), **V.F.** (Vertical Feet), **B.F.** (Board Feet), **M.B.F.** (1,000 Board Feet)

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Number	Item	Unit	050
25.3.5	Water Stock Tank, Galvanized Steel- 70 Gallon	EA.	\$85.00
25.3.6	Water Stock Tank, Galvanized Steel- 169 Gallon	EA.	\$110.00
25.3.7	Water Stock Tank, Galvanized Steel- 200 Gallon	EA.	\$120.00
25.3.8	Water Stock Tank, Movable 35 Gal Polyethylene Barrel, Used	EA.	\$10.00
25.3.9	Water Stock Tank, Polyethylene- 50 Gallon	EA.	\$67.00
25.3.10	Water Stock Tank, Polyethylene- 70 Gallon	EA.	\$78.00
25.3.11	Water Stock Tank, Polyethylene- 100 Gallon	EA.	\$84.00
25.3.12	Water Stock Tank, Polyethylene- 150 Gallon	EA.	\$136.00
25.3.13	Water Stock Tank, Polyethylene- 300 Gallon	EA.	\$200.00
25.4.1	Well, casing	V.F.	\$11.65
25.4.2	Well water, pumps, 1 HP, 4" submersible, 1 HP , installed in wells to 100 ft. deep	Ea.	\$686.15
25.4.3	Well water, pumps, 1 1/2 HP, 4" submersible, 1-1/2 HP , installed in wells to 100 ft. deep	Ea.	\$1,248.12
25.4.4	Well water, pumps, 2 HP, 4" submersible, 2 HP, installed in wells to 100' deep	Ea.	\$2,209.11
25.4.5	Well, drilling	V.F.	\$8.85
25.5.0	Heat Tube	EA.	\$80.00
25.5.1	Valve, Vacuum or Pressure Relief	EA.	\$17.45
25.5.2	Valve, Quick Coupler (male + female)	EA.	\$22.50
25.5.3	Coupling/Hydrant	EA.	\$33.00
25.5.4	Lead out hose	EA.	\$10.00
25.6.1	Pump, Electric, 5hp	EA.	\$300.00
25.6.2	Pump, HydroRam, 1"	EA.	\$450.00
25.6.3	Pump, HydroRam, 1-1/2"	EA.	\$300.00
25.6.4	Pump, HydroRam 2" (kit), installed	EA.	\$550.00
25.6.5	Pump, Nose Operated, Pasture (installed)	EA.	\$533.00
25.6.6	Pump, Water, Permanently Mounted	EA.	\$600.00
25.6.7	Pump, Solar, w/ 2 panels	EA.	\$1,830.00
26.1.0	Earthen Pond - incl. excavation, fence, gates, seed, pads, tile drainage (cf of waste)	C.F.	
26.1.1	Soil Lined Pond - incl. excav.,liner, fence, gates, seed, pads, tile drainage (cf of waste)	C.F.	
26.1.2	Synthetic Lined Pond-incl. excav.,liner, fence, gates, seed, pads, tile drain (cf of waste)	C.F.	
26.1.3	Circular Conc. Struct.- incl. excav., fence, gates, seed, pump pads, tile drain (cf of waste)	C.F.	
26.1.4	Glass Lined Structure- incl. minor excav., stone, concrete, tank & labor (cf of waste)	C.F.	
27.1.0	Barnyard-incl subgrade, slab, curbs, fence, gates, seed, runoff control	S.F.	
27.1.1	Apple Tree Release and Pruning (10 Trees per acre)	EA.	\$24.00
27.1.2	Brushhogging, light duty or Delayed Mowing	ACRE	\$28.00
27.1.3	Brushhogging, heavy duty	ACRE	\$52.00
27.1.6	Lunker box (installed)	EA.	\$250.00

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Number	Item	Unit	050
27.1.7	Mast Tree Release (10 Trees per Acre)	EA.	\$24.00
27.1.8	Vegetation Restoration – herbaceous plants (2" plugs)	EA.	\$2.00
27.1.9	Vegetative Restoration – wetland seeding	ACRE	\$750.00
27.1.12	Brush and Tree Cutting, manual and light mechanical (chainsaw, brushsaw, etc)	ACRE	\$460.00
27.1.13	Brush and Tree Cutting, mechanical (brontosaurus)	ACRE	\$900.00
27.1.14	Brush and Tree Cutting, post commercial harvest	ACRE	\$260.00
27.1.15	Control of Invasive Plants, 1st application (mechanical, chemical or biological)	ACRE	\$260.00
27.1.16	Control of Invasive Plants, 2nd application (mechanical, chemical or biological)	ACRE	\$160.00
27.1.17	Control of Invasive Plants, Light infestation 1st application	ACRE	\$60.00
27.1.18	Control of Invasive Plants, Light infestation 2nd application	ACRE	\$40.00
27.1.19	Forest Wildlife Habitat Improvement	ACRE	\$460.00
27.1.20	Prescribed Burning	ACRE	\$500.00
28.1.1	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' w, 6' h, inc. backfill	L.F.	\$76.34
28.1.2	Retain. walls, stone filled gabions, hwy surcharge, 3' W, 6' L, 3' H, inc. backfill	L.F.	\$145.59
28.1.3	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 9' H, inc. backfill	L.F.	\$160.74
28.1.4	Retain.walls, stone filled gabions, galv., hwy surcharge, 3' W, 9' L, 3' H, inc. backfill	L.F.	\$248.54
28.1.5	Retain. walls, stone filled gabions, galv., 33< slope embank., 3' W, 12' H, inc. backfill	L.F.	\$267.11
28.1.6	Retain. walls, stone filled gabions, galv., hwy surcharge, 3' W, 12' L, 3' H, inc. backfill	L.F.	\$358.72
29.1.0	Fuel Tank, steel, above grd, single wall, 275 gal, incl. cradles, coating & fittings	Ea.	\$496.89
29.1.1	Fuel Tank, steel, above grd, single wall, 550 gal, incl. cradles, coating & fittings	Ea.	\$2,784.40
29.1.2	Fuel Tank, steel, above grd, single wall, 1,000 gal, incl. cradles, coating & fittings	Ea.	\$3,398.14
29.1.3	Fuel Tank, steel, above grd, single wall, 1,500 gal, incl. cradles, coating & fittings	Ea.	\$4,924.72
29.1.4	Fuel Tank, steel, above grd, single wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	\$5,626.47
29.1.5	Fuel Tank, steel, above grd, double wall, 500 gal, incl. cradles, coating & fittings	Ea.	\$2,487.88
29.1.6	Fuel Tank, steel, above grd, double wall, 2,000 gal, incl. cradles, coating & fittings	Ea.	\$8,619.81
29.1.7	Fuel Storage Structure 275 gal, - septic tank, posts, roof & lattice	E.A.	\$2,898.16
29.1.8	Fuel Storage Structure 500 or 550gal, - septic tank, posts, roof & lattice	E.A.	\$3,323.44
29.1.9	Fuel Storage Structure 1000gal, - septic tank, posts, roof & lattice	E.A.	\$5,168.26