

## New Hampshire 2003 Final Cost List

Component	Practice	Unit	Cost
a blank		n/a	\$0.00
access road - 6" gravel with geotextile (material and labor)		ft	\$7.50
access road - without geotextile		ft	\$6.50
access road constructed ford - includes stone & placement		cu yd	\$2.14
access road constructed ford - stone with box culvert		ea	\$500.00
animal guard - 4" diameter (Installed)		ea	\$24.95
animal guard - 6" diameter (Installed)		ea	\$41.95
animal trails and walkways with geotextile		ft	\$6.50
animal trails and walkways without geotextile		ft	\$5.50
anti-seep collar - 48" x 48" cmp		ea	\$245.00
anti-seep collar - 48" x 48" pvc		ea	\$50.00
anti-seep collar - 60" x 60" cmp		ea	\$435.20
anti-seep collar - 60" x 60" pvc		ea	\$75.00
anti-seep collar - 72" x 72" cmp		ea	\$435.20
anti-seep collar - 72" x 72" pvc		ea	\$75.00
anti-seep collar - installation, earthwork, hand compact		cu yd	\$158.00
BEDDING (INCLUDES ALL COMPONENTS)	310	ac	\$15.00
brush hog mowing		ac	\$80.00
catch basin - 48" (does not include installation cost) {see catch basin installation cost}		ea	\$536.00
catch basin - 60" (does not include installation cost) {see catch basin installation cost}		ea	\$697.00
catch basin - 72" (does not include installation cost) {see catch basin installation cost}		ea	\$882.00
catch basin - installation cost (includes: concrete, subgrade, concrete work and placement, curing)		ea	\$422.00
CLEARING AND SNAGGING (INCLUDES ALL COMPONENTS)	326	ft	\$2.00
cnmp development, (nutrient management component)		ac	\$25.00
cnmp development, < 100 AU, (includes feed management, waste storage & handling)		AU	\$20.00
cnmp development, > 300 AU, (includes feed management, waste storage & handling)		AU	\$10.00
cnmp development, 100 to 300 AU, (includes feed management, waste storage & handling)		AU	\$14.00
concrete delivered (add highrange water reducing agent) to pump concrete		cu yd	\$89.00
concrete delivered (with 9 oz. midrange water reducing agent) to pump concrete		cu yd	\$88.00
concrete delivered 4,000 psi (with 5-6% air, 3oz. midrange water reducing agent, pumpable)		cu yd	\$83.00
concrete delivered pump truck (slabs < 100 cu yd or wall < 40 cy yd)(for pumpable concrete applications)		0.5 day	\$600.00
concrete delivered pump truck (slabs > 100 cu yd or wall > 40 cy yd) (for pumpable concrete applications)		day	\$1,200.00
concrete delivered with non-structural micro - fiber - (1 to 1.5#)		cu yd	\$91.00
concrete delivered with non-structural micro - fiber - (1 to 1.5#) and 9 oz. midrange water reducing agent (pumpable)		cu yd	\$96.00
concrete delivered with W.R. Grace Strux structural fiber (per design lbs./cy) (additional cost to concrete being delivered)		lb	\$5.00
concrete manure buttress wall - precast 8 ft (includes price of first 25 miles)		ea	\$380.00
concrete manure buttress wall - precast 8 ft, transportation cost		mi	\$1.00
concrete manure center panel - precast 10 ft (includes price of first 25 miles)		ea	\$505.00
concrete manure center panel - precast 10 ft, transportation cost		mi	\$2.00
concrete manure center panel - precast 8 ft (includes price of first 25 miles)		ea	\$330.00
concrete manure center panel - precast 8 ft, transportation cost		mi	\$1.20
concrete manure corner - precast 10 ft (includes price of first 25 miles)		ea	\$1,120.00
concrete manure corner - precast 10 ft, transportation cost		mi	\$4.00
concrete manure corner - precast 4 ft (includes price of first 25 miles)		ea	\$435.00
concrete manure corner - precast 4 ft, transportation cost		ft	\$1.80
concrete manure corner - precast 8 ft (includes price of first 25 miles)		ea	\$340.00
concrete manure corner - precast 8 ft, transportation cost		mi	\$1.20
concrete manure precast storage gate - 10 ft (includes price of first 25 miles)		ea	\$450.00
concrete manure precast storage gate - 10 ft transportation cost		mi	\$1.80
concrete manure precast storage gate - 15 ft (includes price of first 25 miles)		ea	\$550.00

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concrete manure precast storage gate - 15 ft transportation cost		mi	\$1.00
concrete manure precast storage gate - sealant 5/8" mastic (roll is 25.5 feet in length)		ea	\$7.00
concrete manure super wall corner - precast 10 ft (includes price of first 25 miles)		ea	\$1,200.00
concrete manure super wall corner - precast 10 ft, transportation cost		mi	\$4.00
concrete manure super wall panel - precast 10 ft (includes price of first 25 miles)		ea	\$525.00
concrete manure super wall panel - precast 10 ft, transportation cost		mi	\$2.00
concrete manure super wall panel - precast 8 ft (includes price of first 25 miles)		ea	\$320.00
concrete manure super wall panel - precast 8 ft, transportation cost		mi	\$1.00
concrete manure wall panel - precast 10 ft (includes price of first 25 miles)		ea	\$445.00
concrete manure wall panel - precast 10 ft, transportation cost		mi	\$1.80
concrete manure wall panel - precast 8 ft (includes price of first 25 miles)		ea	\$285.00
concrete manure wall panel - precast 8 ft, transportation cost		mi	\$1.00
concrete manure wall panel- precast 4 ft (includes price of first 25 miles)		ea	\$215.00
concrete manure wall panel- precast 4 ft, transportation cost		mi	\$1.00
concrete retaining wall 2' (includes: material, labor, drainage, earthwork) {does not include corners and pump truck}		ft	\$51.00
concrete retaining wall 4' (includes: material, labor, drainage, earthwork) {does not include corners and pump truck}		ft	\$105.00
concrete retaining wall 6' (includes: material, labor, drainage, earthwork) {does not include corners and pump truck}		ft	\$164.00
concrete retaining wall 8' (includes: material, labor, drainage, earthwork) {does not include corners and pump truck}		ft	\$221.00
concrete slab - 4" plain (includes: concrete materials plus 1 to 1.5 lb / cy micro-fiber, forming, joint cutting, expansion joints, placing, vibrating, finishing, curing compound) {does not include subgrade material}		sq ft	\$2.30
concrete slab - 5" non-structural (includes: concrete materials, light steel (< or = #3 bars) and dowels, forming, joint cutting, expansion joints, placing, vibrating, finishing, curing compound) {does not include subgrade material}		sq ft	\$2.92
concrete slab - 5" structural (includes: concrete materials, moderate steel (> #3 bars) and dowels, forming, joint cutting, expansion joints, placing, vibrating, finishing, curing compound) {does not include subgrade material}		sq ft	\$3.40
concrete slab - 5" water tight non-structural (includes: same as non-structural slab plus materials + labor to install PVC and hydrophylic waterstops at control joints and slab perimeters) {does not include subgrade material}		sq ft	\$3.34
concrete steel reinforcement - formed wall and footings (includes: material and placement)		lb	\$0.70
concrete steel reinforcement - slabs and flat work (includes: material and placement)		lb	\$0.60
concrete waste storage block (includes: material, delivery, placement)		cu yd	\$50.00
concrete waste storage block (includes: subgrade, prep for each block)		sq ft	\$15.00
CONSERVATION COVER (INCLUDES ALL COMPONENTS)	327	ac	\$300.00
CONSERVATION CROP ROTATION (INCLUDES ALL COMPONENTS)	328	ac	\$25.00
CONTOUR BUFFER STRIPS (INCLUDES ALL COMPONENTS)	332	ac	\$300.00
CONTOUR FARMING (INCENTIVE)	330	ac	\$12.00
CONTOUR STRIPCROPPING (INCENTIVE)	585	ac	\$25.00
cover crops - legumes		ac	\$25.00
cover crops - small grain or grass		ac	\$15.00
CRITICAL AREA PLANTING (site preparation, seed, fertilizer,lime)	342	ac	\$800.00
DEEP TILLAGE (INCLUDES ALL COMPONENTS)	324	ac	\$15.00
DIVERSION (INCLUDES ALL COMPONENTS)	362	ft	\$5.00
earthfill - 3/4" crusher run gravel (included: material and loading at yard)		ton	\$5.60
earthfill - excavated or bank earth - ungraded (includes: material and loading at yard) (typically 1 ton = 3/4 cu yd)		ton	\$1.60
earthfill - pit run gravel (includes: material and loading at yard) (typically 1 ton = 2/3 cu yd)		ton	\$6.70
earthfill - well graded sand (includes material and loading at yard) (does not include trucking) {see earthfill trucking} (typically 1 ton = 2/3 cu yd)		ton	\$10.00
earthwork - clearing/grubbing - backhoe stump removal < 24" diam. (per stump)		ea	\$10.03
earthwork - clearing/grubbing - backhoe stump removal >24" diam. (per stump)		ea	\$23.65

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earthwork - clearing/grubbing - burning trees/brush < 6" diam.		ac	\$1,740.00
earthwork - clearing/grubbing - chainsaw cut/chip < 12" diam. Stumps removal		ac	\$2,775.00
earthwork - clearing/grubbing - chainsaw cut/chip > 12" diam. Stumps removal		ac	\$5,600.00
earthwork - clearing/grubbing - dozer/tractor knocking down and pushing into pile		ac	\$2,775.00
earthwork - cofferdams - hand placed sandbags		cu yd	\$51.00
earthwork - cofferdams - sheet piling 1- 16' lengths		sq ft	\$17.00
earthwork - compaction sheepsfoot roller or rubber tired roller		cu yd	\$1.05
earthwork - compaction vibratory plates		cu yd	\$2.60
earthwork - compaction vibratory roller		cu yd	\$3.15
earthwork - dewatering 4" pump & 100' discharge line (includes materials and labor)		day	\$157.00
earthwork - dewatering 4" pump & 100' line & attendant (includes material and labor)		day	\$500.00
earthwork - excavation plus loading on trucks {does not include transportation}		cu yd	\$4.00
earthwork - excavation, stockpiled within 300 ft and without transportation or loading on trucks		cu yd	\$3.55
earthwork - land smoothing & shaping		ac	\$100.00
earthwork - placement		cu yd	\$2.40
earthwork - subbase prep. Rolled over 2,500 sq yd		sq yd	\$0.80
earthwork - subbase prep. Rolled up to 2,500 sq yd		sq yd	\$1.34
earthwork - trucking (15 ton truck)		hr	\$50.00
earthwork - trucking (average 2 mile round trip, 15 ton truck)		cu yd	\$4.20
erosion and sediment control - mulch (hand placed hay)		sq yd	\$1.05
erosion and sediment control - mulcher		sq yd	\$0.50
erosion and sediment control - silt fence 36" (includes installation)		ft	\$0.60
fence - cattle (high tensile or barb wire)		ft	\$4.00
fence - energizer		ea	\$200.00
fence - temporary electric or polywire		ft	\$1.00
fence - use exclusion (manure structure)		ft	\$6.00
fence - woven wire and electrified		ft	\$5.00
fence, gate - high tensile or barb wire		ea	\$20.00
fence, gate post or panel assembly (including post bracing)		ea	\$125.00
FIELD BORDER	386	ft	\$0.20
FILTER STRIP (INCLUDES ALL COMPONENTS)	393	ac	\$600.00
FIREBREAK	394	ft	\$1.33
FOREST SITE PREPARATION	490	ac	\$160.00
FOREST TRAILS AND LANDING	655	ac	\$1,500.00
geotextile - NRCS Type I non-woven - material plus labor		sq yd	\$2.00
geotextile - NRCS Type I woven - material plus labor		sq yd	\$2.50
grass seeding - cool season conventional tillage, seedbed preparation, NPK, lime		ac	\$400.00
grass seeding - cool season no-till, seedbed preparation, NPK, lime		ac	\$450.00
grass seeding - herbiciding		ac	\$436.00
grass seeding - hydroseeding with mulch and fertilizer		acre	\$2,200.00
grass seeding - warm season conventional tillage, seedbed preparation, NPK, lime		ac	\$700.00
grassed waterway (includes seeding)		ft	\$6.00
grassed waterway (with stone center)		ft	\$8.00
HEDGEROW PLANTING (INCLUDES ALL COMPONENTS)	422	ft	\$0.40
invasive plant control - biological		ac	\$400.00
invasive plant control - chemical (upland)		ac	\$300.00
invasive plant control - chemical (wetland)		ac	\$200.00
invasive plant control - herbicide, aerial spraying		ac	\$0.00
invasive plant control - herbicide, selective hand wicking		ac	\$450.00
invasive plant control - mechanical (see brush hog mowing)			
irrigation - filtration system (50 mesh)		ea	\$21.00
irrigation - micro emitters		ea	\$0.26

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<b>Component</b>	<b>Practice</b>	<b>Unit</b>	<b>Cost</b>
irrigation pipe - 1" micro tubing		ft	\$0.05
irrigation pipe - 1.5" PVC SDR 26 (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$1.72
irrigation pipe - 2" micro tubing		ft	\$0.11
irrigation pipe - 2" PVC SDR 26 (includes labor/material) (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$1.95
irrigation pipe - 2.5" PVC SDR 26 (includes labor/material) (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$2.57
irrigation pipe - 3" PVC SDR 26 (includes labor/material) (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$3.14
irrigation pipe - 3/4" micro tubing		ft	\$0.03
irrigation pipe - 4" PVC SDR 26 (includes material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$4.71
irrigation pipe - 6" PVC SDR 26 (includes material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$7.32
IRRIGATION WATER MANAGEMENT (INCENTIVE)	449	ac	\$5.00
LAND CLEARING (SEE EARTHWORK, CLEARING AND GRUBBING)	460	ac	\$3,000.00
LAND SMOOTHING (SEE EARTHWORK, CLEARING AND GRUBBING)	466	ac	\$260.00
liner - bentonite		sq ft	\$1.95
liner - flexible membrane - 60 mil (material + installation)		sq ft	\$2.00
liner -10 mil polyethylene(includes install.)(not for ponds)		sq ft	\$0.70
liner -20 mil pvc (includes install.)(not for ponds)		sq ft	\$0.90
liner -concrete		sq ft	\$3.34
manure hopper, concrete hydraulic structure 10' walls - 10" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$17,652.00
manure hopper, concrete hydraulic structure 10' walls - 10" thick 8' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$19,649.00
manure hopper, concrete hydraulic structure 10' walls - 10" thick 8' x 8' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$13,145.00
manure hopper, concrete hydraulic structure 10' walls - 10" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$15,592.00
manure hopper, concrete hydraulic structure 8' walls 8" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$11,826.00
manure hopper, concrete hydraulic structure 8' walls 8' thick 8' x 8' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$10,492.00
manure hopper, concrete hydraulic structure 8' walls 8" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$13,565.00
manure hopper, concrete hydraulic structure 8' walls 8" thick 8' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$15,217.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure - 10' walls 10" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$11,810.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure - 6' walls 8" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$8,260.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure - 10' walls 10" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$13,540.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure - 6' walls 8" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$8,815.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure - 8' walls 8" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$8,854.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure - 8' walls 8" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$10,252.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure 10' wall 10" thick 8' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$15,245.00

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manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure 6' walls 8" thick 8' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$9,971.00
manure pump chamber, concrete foundation wall 3 sided - attached long side to adjacent structure 8' walls 8" thick 8' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$11,651.00
manure pump chamber, concrete foundation wall 4 sided - 10' walls 10" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$14,980.00
manure pump chamber, concrete foundation wall 4 sided - 10' walls 10" thick 10' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$16,825.00
manure pump chamber, concrete foundation wall 4 sided - 10' walls 10" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$13,110.00
manure pump chamber, concrete foundation wall 4 sided - 6' walls 8" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$9,937.00
manure pump chamber, concrete foundation wall 4 sided - 6' walls 8" thick 8' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$11,180.00
manure pump chamber, concrete foundation wall 4 sided - 6' walls 8" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$9,264.00
manure pump chamber, concrete foundation wall 4 sided - 8' walls 8" thick 8' depth 8' x 14' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$13,231.00
manure pump chamber, concrete foundation wall 4 sided - 8' walls 8" thick 8' x 10' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$10,154.00
manure pump chamber, concrete foundation wall 4 sided - 8' walls 8" thick 8' x 12' (includes: excavation, fill, drainage, sub-grade, pump concrete, installed rebar, labor)		ea	\$11,692.00
manure transfer pipe, gravity - 24" HDPE corrugated, smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$18.92
manure transfer pipe, gravity - 30" HDPE corrugated, smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$29.35
manure transfer pipe, gravity - 36" HDPE corrugated, smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$37.57
manure transfer pump (centrifugal)		ea	\$7,000.00
manure transfer pump with pipeline and appurtenances installed (organic material bedding) (includes: labor, materials) (approximately 250' of 12" or 16" diameter pipe)		ea	\$27,000.00
manure transfer pump with pipeline and appurtenances installed (sand bedded manure) (includes: labor, materials) (approximately 250' of 12" or 16" diameter pipe)		ea	\$30,000.00
material disposal - land fill		cu yd	\$36.00
material disposal - on site burial		cu yd	\$4.33
mobilization costs (includes truck and driver for 1/2 day per piece of equipment)		no	\$600.00
mowing - delay warm/cool season grass		ac	\$60.00
natural plant succession		ac	\$100.00
NUTRIENT MANAGEMENT (INCENTIVE)	590	ac	\$5.00
NUTRIENT MANAGEMENT PLAN DEVELOPMENT	590	ac	\$25.00
obstruction removal - rock wall removal in fields	500	ac	\$800.00
PASTURE AND HAY PLANTING (includes all components)	512	ac	\$400.00
pavement 4" (2.5" binder and 1.5" wear) hot bituminous mix (includes: materials, installation, labor) (does not include subgrade)		sq yd	\$28.00
pavement 4" (HW20 load) hot bituminous mix (includes: materials, installation, labor) (does not include subgrade)		sq yd	\$38.00
PEST MANAGEMENT, IPM (FIELDS & ORCHARDS) (INCENTIVE)	595	ac	\$25.00
pipe - 4" PVC Valve Installed		ea	\$430.00
pipe excavation and backfill -2' deep trench & excavation (includes: excavation, fill,compaction, gravel)		ft	\$4.62
pipe excavation and backfill -3' deep trench & excavation (includes: excavation, fill,compaction, gravel)		ft	\$6.93
pipe excavation and backfill -4' deep trench & excavation (includes: excavation, fill,compaction, gravel)		ft	\$9.24
pipe excavation and backfill -5' deep trench & excavation (includes: excavation, fill,compaction, gravel)		ft	\$11.55
pipe excavation and backfill -6' deep trench & excavation (includes: excavation, fill,compaction, gravel)		ft	\$13.86

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pipe, subsurface drainage pipe - HDPE 4" corrugated, perforated, flextile (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$1.12
pipe, subsurface drainage pipe - HDPE 6" corrugated, perforated, flextile (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$2.67
pipe, subsurface drainage pipe - SCH 40 4" perforated (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$9.32
pipe, subsurface drainage pipe - SCH 40 6" perforated (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$11.14
pipe, surface drainage pipe - cmp/HDPE 48" corrugated smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$69.00
pipe, surface drainage pipe - cmp/HDPE 60" corrugated smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$93.45
pipe, surface drainage pipe - cmp 12" (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$19.10
pipe, surface drainage pipe - cmp 15" (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$21.50
pipe, surface drainage pipe - cmp 8" (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$12.65
pipe, surface drainage pipe - cmp/HDPE 36" corrugated smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$59.50
pipe, surface drainage pipe - cmp/HDPE 18" corrugated smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$25.00
pipe, surface drainage pipe - cmp/HDPE 24" corrugated smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$30.50
pipe, surface drainage pipe - cmp/HDPE 30" corrugated smooth interior (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$48.50
pipeline - HDPE 1" water (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$2.44
pipeline - HDPE 1.5" water (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$3.10
pipeline - HDPE 2" water (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$4.25
pipeline - hydrant (includes: installation, trenching, backfill, labor)		ea	\$465.00
pipeline - pvc 1" water (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$1.63
pipeline - pvc 1.5" water (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$2.28
pipeline - pvc 2" water (includes material, material, labor, fittings to install) {see pipe excavation and backfill to complete estimate}		ft	\$2.84
pipeline - vacuum/pressure relief valve		ea	\$350.00
PRESCRIBED BURNING	338	ac	\$700.00
PRESCRIBED GRAZING (INCENTIVE)	528A	ac	\$25.00
RECREATION LAND GRADING AND SHAPING (INCLUDES ALL COMPONENTS)	566	cu yd	\$6.00
RECREATION TRAIL AND WALKWAY (INCLUDES ALL COMPONENTS)	568	ft	\$4.00
RESIDUE MANAGEMENT, MULCH TILL (INCENTIVE)	329B	ac	\$20.00
RESIDUE MANAGEMENT, NO-TILL (INCENTIVE)	329A	ac	\$25.00
RESIDUE MANAGEMENT, RIDGE TILL (INCENTIVE)	329C	ac	\$15.00
RESIDUE MANAGEMENT, SEASONAL (INCENTIVE)	344	ac	\$5.00
rip rap - (does not include trucking)		cu yd	\$18.75
rip rap - placing with filter fabric		cu yd	\$13.30
rip rap - placing with sand, gravel bedding		cu yd	\$21.90
rip rap - trucking		hr	\$50.00
RIPARIAN FOREST BUFFER (INCLUDES ALL COMPONENTS)	391	ac	\$1,200.00
riser with stub pipe - 18" cmp		ft	\$376.00
riser with stub pipe - 18" pvc		ft	\$435.00
riser with stub pipe - 24" cmp		ft	\$414.00
riser with stub pipe - 24" pvc		ft	\$465.00
riser with stub pipe - 30" cmp		ft	\$467.00

**New Hampshire 2003 Final Cost List**

<b>Component</b>	<b>Practice</b>	<b>Unit</b>	<b>Cost</b>
riser with stub pipe - 30" pvc		ft	\$585.00
riser with stub pipe - 36" cmp		ft	\$545.00
riser with stub pipe - 36" pvc		ft	\$615.00
riser with stub pipe - 42" cmp		ft	\$601.00
riser with stub pipe - 42" pvc		ft	\$715.00
riser with stub pipe - 48" cmp		ft	\$649.00
riser with stub pipe - 48" pvc		ft	\$765.00
riser with stub pipe - 54" cmp		ft	\$771.00
riser with stub pipe - 60" cmp		ft	\$868.00
roof - wood trusses, roofing, metal or shingles (includes material, labor, no foundation)		sq ft	\$17.00
roof gutters - aluminum with hangers (installed)		ft	\$6.40
roof gutters - down spout, 5" aluminum (installed)		ft	\$4.75
roof gutters - down spout, 5" steel (installed)		ft	\$6.25
roof gutters - on ground (asphalt)		ft	\$2.25
roof gutters - on ground (concrete)		ft	\$9.05
roof gutters - steel with hangers		ft	\$5.15
roof gutters - vinyl with hangers		ft	\$4.50
septic tank - distribution box		ea	\$120.00
septic tank (1000 gal) (installed)		ea	\$1,230.00
septic tank (2000 gal) (installed)		ea	\$1,900.00
soil amendment - fertilizer purchased and applied		ac	\$80.00
soil amendment - lime and fertilizer purchased and applied		ac	\$100.00
soil amendment - lime and manure purchased and applied		ac	\$100.00
soil amendment - lime purchased and applied.		ac	\$70.00
soil testing - agronomic		ea	\$12.00
soil testing - geotechnical - flex wall permeability test		ea	\$525.00
soil testing - geotechnical - gradation analysis/atterburg		ea	\$125.00
spring box - 4' dia, 6 ft tall, precast concrete		ea	\$785.00
spring box - 6' dia, 6 ft tall, precast concrete		ea	\$1,245.00
spring box - cover, 4 ft dia		ea	\$315.00
spring box - cover, 6 ft dia		ea	\$555.00
STREAM BANK & SHORELINE PROTECTION (INCENTIVE)	580	ft	\$15.00
stream bank improvement, (includes: labor, material,equipment, riprap)		ft	\$220.00
STRIPCROPPING (INCENTIVE)	586	ac	\$20.00
SURFACE DRAINAGE FIELD DITCH (INCLUDES ALL COMPONENTS)	607	ft	\$6.00
SURFACE DRAINAGE MAIN OR LATERAL (INCLUDES ALL COMPONENTS)	608	ft	\$6.00
terrace - constructed, gradient		ft	\$3.00
terrace - constructed, parallel		ft	\$4.00
timber wall - 4ft constructed		ft	\$20.00
timber wall - 5ft constructed		ft	\$25.00
timber wall - 6ft constructed		ft	\$30.00
TRANSITION TO ORGANIC FARMING - ALL LIVESTOCK	789	AU	\$25.00
TRANSITION TO ORGANIC FARMING - ALL VEGETABLES & FRUITS	789	ac	\$30.00
trash rack - 12" dia metal		ea	\$850.00
trash rack - 18" dia metal		ea	\$850.00
trash rack - 21" dia metal		ea	\$0.00
trash rack - 24" dia metal		ea	\$1,025.00
trash rack - 30" dia metal		ea	\$1,025.00
trash rack - 36" dia metal		ea	\$1,400.00
trash rack - 42" dia metal		ea	\$1,400.00
trash rack - 48" dia metal		ea	\$1,600.00
trash rack - 54" dia metal		ea	\$1,600.00

**New Hampshire 2003 Final Cost List**

<b>Component</b>	<b>Practice</b>	<b>Unit</b>	<b>Cost</b>
trash rack - 60" dia metal		ea	\$3,025.00
trees/shrubs - marking for pruning	660	ac	\$30.00
trees/shrubs - plant balled		ea	\$36.50
trees/shrubs - purchase balled		ea	\$25.50
trees/shrubs pruning (Mast tree pruning)		Tree	\$12.00
trees/shrubs Pruning 0' - 13' (cutting, clearing & chipping)	660	Tree	\$1.30
trees/shrubs Pruning 0' - 17' (cutting, clearing & chipping)	660	Tree	\$2.35
trees/shrubs Pruning 0' - 9' (cutting, clearing & chipping)	660	Tree	\$0.70
trees/shrubs Pruning 13' - 17' (cutting, clearing & chipping)	660	Tree	\$1.00
trees/shrubs Pruning 9' - 13' (cutting, clearing & chipping)	660	Tree	\$0.70
trees/shrubs Pruning 9' - 17' (cutting, clearing & chipping)	660	Tree	\$1.70
trees/shrubs removal - brontosaurus		ac	\$1,200.00
trees/shrubs removal - brush hog (See Brush Hog Mowing)			
trees/shrubs removal - chainsaw		ac	\$200.00
trees/shrubs removal - hand removal		ac	\$900.00
trees/shrubs removal (Mast tree release, per released tree)		Tree	\$16.00
trees/shrubs, hardwood seedlings and planting		ac	\$600.00
trees/shrubs, planting wildlife seedling with deer protection		ea	\$12.00
trees/shrubs, planting, conifer without deer protection		ea	\$4.00
trees/shrubs, planting, deciduous, bare root, without deer protection		ea	\$4.00
trees/shrubs, softwood seeding and planting		ac	\$500.00
USE EXCLUSION (ie: ACCESS ROAD GATES) (INCENTIVE)	472	ea	\$100.00
waste utilization - incorporation - tillage to conserve N	633	ac	\$15.00
WASTE UTILIZATION (INCENTIVE)	633	ac	\$0.00
water pump (4" submersible, < 6 gpm, <100 ft deep, includes installation and material)		ea	\$1,000.00
water pump (4" submersible, <6 gpm, 100 to 250' deep, includes installation and material)		ea	\$1,350.00
water pump (4" submersible, 6-12 gpm, <100' deep, includes installation and materials)		ea	\$1,500.00
water pump (4" submersible, 6-12 gpm, 100 to 250' deep, includes installation and materials)		ea	\$2,200.00
water pump (submersible, >15 gpm, <100 ft deep, includes installation and materials)		ea	\$2,200.00
water pump, pressure tank assembly		ea	\$200.00
water testing (incentive)		ea	\$50.00
WATER WELL (50' SURFACE CASING, MAXIMUM OF 300)	642	ft	\$15.00
watering facility - 1 1/2" hydro ram		ea	\$174.00
watering facility 1" hydro ram		ea	\$132.00
watering facility - 100 gallon		ea	\$77.00
watering facility - 15 gallon insulated tank		ea	\$440.00
watering facility - 2" hydro ram		ea	\$216.00
watering facility - 20 gallon insulated tank		ea	\$525.00
watering facility - 300 gallon tank		ea	\$200.00
watering facility - 50 gallon tank		ea	\$66.00
watering facility - 70 gallon tank		ea	\$93.00
watering facility - float valve assembly		ea	\$20.00
watering facility - nose pump, installed		ea	\$41.00
watering facility - overflow assembly (buried pipe and connections)		ea	\$50.00
watering facility - tosh ram cradel		ea	\$0.00