

# NH NRCS 2013 Conservation Practices by Program and Initiative - "The Matrix"

December 11th, 2012

## Conservation Practices

### CORE PRACTICE

**We are expecting to have several additional Program Categories/Initiatives in the coming months. These MAY include, but are not limited to:**

- EQIP - National Water Quality Initiative (National)
- EQIP - Long Island Sound (Regional)
- EQIP - Advanced Livestock Nutrient Management (State)
- WHIP - general (State)

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - Cropland, Grazing & Farmstead	EQIP - On-Farm Energy	EQIP - Maple	EQIP - Seasonal High Tunnel	EQIP - Organic - Certified & Transitioning	EQIP - NE/NY Forestry & NH Forestry	WHIP - WLFM-NEC	AMA	NH Lead Discipline
472	Access Control	Heavy Steel Gate	Ea	\$695.28	X				X	X	X		Ecology
472	Access Control	Hibernaculum Bat Gate	SqFt	\$73.39					X	X			Ecology
560	Access Road	Existing geocell road in wet, level terrain	Ft	\$10.78	X					X	X		Engineering
560	Access Road	New 12" gravel road in wet, level terrain	Ft	\$20.61	X					X	X		Engineering
560	Access Road	New 12" gravel road in wet, sloped terrain	Ft	\$24.37	X					X	X		Engineering
560	Access Road	New geocell road in wet, level terrain	Ft	\$31.80	X					X	X		Engineering
560	Access Road	Rehabilitation of existing gravel road in wet, level terrain	Ft	\$7.43	X					X	X		Engineering
309	Agrichemical Handling Facility	Agrichemical Handling Pad for mixing and loading	SqFt	\$10.67	X								Engineering
309	Agrichemical Handling Facility	Agrichemical Storage with Handling Pad inside an enclosed building	SqFt	\$20.26	X								Engineering
309	Agrichemical Handling Facility	Fabricated Liquid Agrichemical Storage with a Handling Pad	SqFt	\$8.50	X								Engineering
366	Anaerobic Digester	Covered Lagoon/Holding Pond	AU	\$89.26									Engineering
366	Anaerobic Digester	Small Complete Mix <1000 AU	AU	\$671.00									Engineering
366	Anaerobic Digester	Small Plug Flow <1000 AU	AU	\$681.48									Engineering
316	Animal Mortality Facility	In vessel Rotary Drum <700 CF	CuFt	\$81.59	X				X				Engineering
316	Animal Mortality Facility	Static pile, Concrete Bin(s)	SqFt	\$12.34	X				X				Engineering
316	Animal Mortality Facility	Static pile, Concrete Pad	SqFt	\$4.81	X				X				Engineering
316	Animal Mortality Facility	Static pile, Wood Bin(s)	SqFt	\$13.47	X				X				Engineering
396	Aquatic Organism Passage	Alaskan Steeppass	VFt	\$10,361.36	X					X			Engineering
396	Aquatic Organism Passage	Blockage Removal	CuYd	\$106.79	X					X			Engineering
396	Aquatic Organism Passage	Bridge, CIP Abutment	LnFt	\$1,933.00	X					X			Engineering
396	Aquatic Organism Passage	Bridge, Precast Abutment	LnFt	\$1,708.73	X					X			Engineering
396	Aquatic Organism Passage	Bridge, Prefabricated	Ft	\$3,918.23	X					X			Engineering
396	Aquatic Organism Passage	CMP Culvert	LnFt	\$651.59	X					X			Engineering
396	Aquatic Organism Passage	Complex Denil	VFt	\$49,128.70	X					X			Engineering
396	Aquatic Organism Passage	Concrete Box Culvert	LnFt	\$1,952.12	X					X			Engineering
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	\$473.83	X					X			Engineering
396	Aquatic Organism Passage	Concrete Ladder	VFt	\$12,279.41	X					X			Engineering
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	\$128.84	X					X			Engineering
396	Aquatic Organism Passage	Low Water Crossing	CuYd	\$220.89	X					X			Engineering

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
396	Aquatic Organism Passage	Nature-Like Fishway	LnFt	\$129.29	X					X			Engineering
396	Aquatic Organism Passage	Paddlewheel Screen	CFS	\$7,116.78	X					X			Engineering
396	Aquatic Organism Passage	Rotating Drum Screen	CFS	\$916.88	X					X			Engineering
396	Aquatic Organism Passage	Step Pool Weir	CuYd	\$97.10	X					X			Engineering
396	Aquatic Organism Passage	Stream Simulation Culvert	LnFt	\$2,012.36	X					X			Engineering
314	Brush Management	Average + Followup	Ac	\$504.38	X					X	X		Ecology
314	Brush Management	Brushhogging	Ac	\$112.68	X				X				Agronomy
314	Brush Management	Difficult + Followup	Ac	\$956.08	X					X	X		Ecology
372	Combustion System Improvement	Enhanced Preheater, <=24 SF	SqFt	\$379.60			X						Ecology
372	Combustion System Improvement	Enhanced Preheater, >24 SF	SqFt	\$259.16			X						Ecology
372	Combustion System Improvement	GH Furnace, Dual Fuel	kBTU/Hr	\$28.22	X								Engineering
372	Combustion System Improvement	GH Heater, Oil to Gas	kBTU/Hr	\$12.16	X								Engineering
372	Combustion System Improvement	Reverse Osmosis <=250 GPH	Gal/Hr	\$37.16			X						Ecology
372	Combustion System Improvement	Reverse Osmosis >=1000 GPH	Gal/Hr	\$15.65			X						Ecology
372	Combustion System Improvement	Reverse Osmosis 600 GPH	Gal/Hr	\$21.24			X						Ecology
372	Combustion System Improvement	Sap Preheater	SqFt	\$89.68			X						Ecology
317	Composting Facility	Composter, conc block bins	SqFt	\$11.96	X				X				Engineering
317	Composting Facility	Composter, Drum	SqFt	\$183.05	X				X				Engineering
317	Composting Facility	Composter, timber bins	SqFt	\$9.80	X				X				Engineering
317	Composting Facility	Composter, windrow, concrete	SqFt	\$5.07	X				X				Engineering
327	Conservation Cover	Intensive Pollinator Habitat	Ac	\$1,330.62	X			X	X			X	Ecology
327	Conservation Cover	Introduced, Cool-Season	Ac	\$239.22	X			X		X	X	X	Agronomy
327	Conservation Cover	Introduced, Cool-Season, Organic	Ac	\$410.36	X				X				Agronomy
327	Conservation Cover	Native, Warm-Season	Ac	\$343.75	X			X	X	X	X	X	Agronomy
327	Conservation Cover	Pollinator Habitat	Ac	\$653.49	X			X	X			X	Ecology
328	Conservation Crop Rotation	Agronomic Rotation	Ac	\$28.25	X	X			X			X	Agronomy
328	Conservation Crop Rotation	Agronomic Rotation with Foregone Income	Ac	\$208.75	X	X			X			X	Agronomy
328	Conservation Crop Rotation	Organic Specialty Crops	Ac	\$356.67					X				Agronomy
328	Conservation Crop Rotation	Organic Specialty Crops with foregone income	Ac	\$675.89					X				Agronomy
328	Conservation Crop Rotation	Specialty Crops	Ac	\$118.89	X	X		X				X	Agronomy
328	Conservation Crop Rotation	Specialty Crops with Foregone Income	Ac	\$439.39	X	X		X				X	Agronomy
340	Cover Crop	Cover Crop	Ac	\$83.46	X	X		X				X	Agronomy
340	Cover Crop	Interseed	Ac	\$59.41	X	X		X	X			X	Agronomy
340	Cover Crop	Legume - Soil Health	Ac	\$127.06	X	X		X				X	Agronomy
340	Cover Crop	Organic Cover Crop	Ac	\$114.26					X				Agronomy
340	Cover Crop	Organic Legume - Soil Health	Ac	\$215.21					X				Agronomy
342	Critical Area Planting	Cool Season	Ac	\$475.19	X			X	X	X	X	X	Ecology
342	Critical Area Planting	Cool Season, Extra Site Preparation	Ac	\$1,060.48	X			X	X	X	X	X	Ecology
324	Deep Tillage	Deep Tillage	Ac	\$32.33	X				X				Agronomy
362	Diversion	Diversion	LnFt	\$4.18	X			X	X				Engineering
647	Early Successional Habitat Development and Management	Biomass Patch Cut	Ac	\$803.76	X					X	X		Ecology
647	Early Successional Habitat Development and Management	Brush Mowing-Tractor Mounted	Ac	\$193.44	X					X	X		Ecology

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
647	Early Successional Habitat Development and Management	Delayed Mowing	Ac	\$94.91	X					X	X		Ecology
647	Early Successional Habitat Development and Management	Excavator Mounted Mower	Ac	\$1,055.78	X					X	X		Ecology
647	Early Successional Habitat Development and Management	Large Pasture Pine	Ac	\$1,669.68							X		Ecology
374	Farmstead Energy Improvement	Automatic Controller System	Ea	\$1,874.48		X							Engineering
374	Farmstead Energy Improvement	Compressor Heat Recovery	Ea	\$4,106.83		X							Engineering
374	Farmstead Energy Improvement	Enhanced PreHeater - Small	SqFt	\$263.31		X							Ecology
374	Farmstead Energy Improvement	Enhanced PreHeater - Small	SqFt	\$384.79		X							Ecology
374	Farmstead Energy Improvement	Evaporator Oil-Fired, Parametric Control	SqFt	\$784.21		X							Ecology
374	Farmstead Energy Improvement	Evaporator Wood-Fired, Air Injected	SqFt	\$313.88		X							Ecology
374	Farmstead Energy Improvement	Evaporator Wood-Fired, Gasifier	SqFt	\$643.96		X							Ecology
374	Farmstead Energy Improvement	Greenhouse Screens <=10,000	SqFt	\$3.06		X							Engineering
374	Farmstead Energy Improvement	Greenhouse Screens >10,000	SqFt	\$2.03		X							Engineering
374	Farmstead Energy Improvement	Heating (Building)	kBTU/ Hr	\$29.94		X							Engineering
374	Farmstead Energy Improvement	Lighting - LED	Ea	\$35.44		X							Engineering
374	Farmstead Energy Improvement	Lighting - Linear Fluorescent	Ea	\$431.09		X							Engineering
374	Farmstead Energy Improvement	Motor Upgrade > 1 and < 10 HP	Ea	\$896.53		X							Engineering
374	Farmstead Energy Improvement	Motor Upgrade ≤ 1 HP	Ea	\$564.80		X							Engineering
374	Farmstead Energy Improvement	Motor Upgrade 10 - 100 HP	Ea	\$3,737.87		X							Engineering
374	Farmstead Energy Improvement	Plate Cooler	Ea	\$5,343.52		X							Engineering
374	Farmstead Energy Improvement	Reverse Osmosis 600 GPH	Gal/Hr	\$21.29		X							Ecology
374	Farmstead Energy Improvement	Reverse Osmosis <=250 GPH	Gal/Hr	\$37.28		X							Ecology
374	Farmstead Energy Improvement	Reverse Osmosis >=1000 GPH	Gal/Hr	\$15.65		X							Ecology
374	Farmstead Energy Improvement	Scroll Compressor	HP	\$1,103.33		X							Engineering
374	Farmstead Energy Improvement	Variable Speed Drive > 5 HP	HP	\$136.45		X							Engineering
374	Farmstead Energy Improvement	Ventilation - Exhaust 48"	Ea	\$1,386.95		X							Engineering
374	Farmstead Energy Improvement	Ventilation - Exhaust 36"	Ea	\$1,175.93		X							Engineering
374	Farmstead Energy Improvement	Ventilation - HAF	Ea	\$254.19		X							Engineering
374	Farmstead Energy Improvement	Wall Insulation	SqFt	\$2.41		X							Engineering
382	Fence	Confinement/Board	Ft	\$7.88	X				X				Agronomy
382	Fence	Electrified High Tensile	Ft	\$2.49	X				X				Agronomy
382	Fence	Temporary & Light Duty	Ft	\$1.45	X				X				Agronomy
382	Fence	Safety	Ft	\$23.96	X				X				Agronomy
382	Fence	HT Woven Wire	Ft	\$4.05	X				X				Agronomy
393	Filter Strip	Filter Strip, Introduced species	Ac	\$230.97	X					X			Agronomy
393	Filter Strip	Filter Strip, Organic Introduced species	Ac	\$509.23					X				Agronomy
393	Filter Strip	Introduced Species Filter Strip w/ Land Shaping	Ac	\$545.21	X					X			Agronomy

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
393	Filter Strip	Organic Introduced Species Filter Strip w/Land Shaping	Ac	\$823.47					X				Agronomy
512	Forage and Biomass Planting	Cool Season, Establish or Reseed	Ac	\$449.58	X							X	Agronomy
512	Forage and Biomass Planting	Cool Season, Establish or Reseed, Organic	Ac	\$586.29					X				Agronomy
512	Forage and Biomass Planting	Cool Season, Establish, Foregone Income	Ac	\$652.25	X							X	Agronomy
512	Forage and Biomass Planting	Cool Season, Establish, Organic, Foregone Income	Ac	\$817.99					X				Agronomy
512	Forage and Biomass Planting	Overseed	Ac	\$63.72	X							X	Agronomy
512	Forage and Biomass Planting	Overseed, Organic	Ac	\$110.60					X				Agronomy
512	Forage and Biomass Planting	Rejuvenate	Ac	\$304.86	X				X			X	Agronomy
512	Forage and Biomass Planting	Rejuvenate, Organic	Ac	\$351.74					X				Agronomy
512	Forage and Biomass Planting	Warm Season, Native, Establish or Reseed	Ac	\$554.33	X				X			X	Agronomy
512	Forage and Biomass Planting	Warm Season, Native, Establish or Reseed, Foregone Income	Ac	\$757.00	X				X			X	Agronomy
666	Forest Stand Improvement	Timber Stand Improvement	Ac	\$404.36						X	X		Ecology
666	Forest Stand Improvement	Tree Marking	Ac	\$91.97						X	X		Ecology
655	Forest Trails and Landings	New Trail and Landing Installation	Ft	\$1.92						X	X		Ecology
655	Forest Trails and Landings	Repair - Moderate	Ft	\$3.00						X	X		Ecology
655	Forest Trails and Landings	Temporary Stream Crossing	Ea	\$1,025.35						X	X		Ecology
410	Grade Stabilization Structure	Catch Basin and Pipe <= 24"	Ea	\$6,310.36	X				X				Engineering
410	Grade Stabilization Structure	Catch Basin and Pipe >24"	Ea	\$10,780.36	X				X				Engineering
410	Grade Stabilization Structure	Check Dams	Ton	\$48.90	X				X				Engineering
410	Grade Stabilization Structure	Concrete Weir	SqFt	\$208.20	X				X				Engineering
410	Grade Stabilization Structure	Embankment, Pipe <= 6"	CuYd	\$5.11	X				X				Engineering
410	Grade Stabilization Structure	Embankment, Pipe >12"	CuYd	\$7.68	X				X				Engineering
410	Grade Stabilization Structure	Embankment, Pipe 8"-12"	CuYd	\$6.00	X				X				Engineering
410	Grade Stabilization Structure	Embankment, Soil Treatment	CuYd	\$8.77	X				X				Engineering
410	Grade Stabilization Structure	Log Drop Structures	Ea	\$5,261.07	X				X				Engineering
410	Grade Stabilization Structure	Pipe Drop, Plastic	SqFt	\$30.83	X				X				Engineering
410	Grade Stabilization Structure	Pipe Drop, Steel	SqFt	\$21.91	X				X				Engineering
410	Grade Stabilization Structure	Rock Chute	CuYd	\$78.20	X				X				Engineering
410	Grade Stabilization Structure	Rock Drop Structures	SqFt	\$81.65	X				X				Engineering
410	Grade Stabilization Structure	Sheetpile Weir	SqFt	\$225.80	X				X				Engineering
410	Grade Stabilization Structure	Weir Drop Structures	SqFt	\$93.28	X				X				Engineering
412	Grassed Waterway	Base Waterway	SqFt	\$0.21	X			X	X				Engineering
548	Grazing Land Mechanical Treatment	Pasture	Ac	\$61.31	X				X			X	Agronomy
561	Heavy Use Area Protection	Asphalt	SqFt	\$3.44	X				X				Engineering
561	Heavy Use Area Protection	Concrete with Curb < 1000 SF	SqFt	\$12.04	X				X				Engineering

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
561	Heavy Use Area Protection	Concrete with Curb > 1000 SF	SqFt	\$7.82	X				X				Engineering
561	Heavy Use Area Protection	Concrete without Curb < 1000 SF	SqFt	\$5.50	X				X				Engineering
561	Heavy Use Area Protection	Concrete without Curb > 1000 SF	SqFt	\$4.68	X				X				Engineering
561	Heavy Use Area Protection	Curb with Footer	LnFt	\$52.39	X				X				Engineering
561	Heavy Use Area Protection	Curb without Curb	LnFt	\$23.61	X				X				Engineering
561	Heavy Use Area Protection	Rock/Gravel on Geotextile	SqFt	\$2.57	X				X				Engineering
315	Herbaceous Weed Control	Average	Ac	\$330.24	X					X	X		Ecology
315	Herbaceous Weed Control	Average + Followup	Ac	\$530.72	X					X	X		Ecology
315	Herbaceous Weed Control	Difficult + Followup	Ac	\$932.36	X					X	X		Ecology
315	Herbaceous Weed Control	Mowing	Ac	\$97.98	X				X				Ecology
595	Integrated Pest Management	Advanced IPM Field All RCs	Ac	\$28.16	X				X			X	Agronomy
595	Integrated Pest Management	Advanced IPM Fruit/Veg All RCs	Ac	\$155.73	X				X			X	Agronomy
595	Integrated Pest Management	Advanced IPM Orchard All RCs	Ac	\$242.43	X				X			X	Agronomy
595	Integrated Pest Management	Advanced IPM S-Farm All RCs	Ea	\$934.38	X			X	X			X	Agronomy
595	Integrated Pest Management	Basic IPM Field >1RC	Ac	\$19.02	X				X			X	Agronomy
595	Integrated Pest Management	Basic IPM Field 1RC	Ac	\$14.08	X				X			X	Agronomy
595	Integrated Pest Management	Basic IPM Fruit/Veg >1RC	Ac	\$101.83	X				X			X	Agronomy
595	Integrated Pest Management	Basic IPM Fruit/Veg 1RC	Ac	\$79.08	X				X			X	Agronomy
595	Integrated Pest Management	Basic IPM Orchard >1RC	Ac	\$155.73	X				X			X	Agronomy
595	Integrated Pest Management	Basic IPM Orchard 1RC	Ac	\$101.83	X				X			X	Agronomy
595	Integrated Pest Management	IPM S-Farm >1RC	Ea	\$622.92	X			X	X			X	Agronomy
595	Integrated Pest Management	IPM S-Farm 1RC	Ea	\$479.34	X			X	X			X	Agronomy
595	Integrated Pest Management	Risk Prevention IPM All RCs	Ac	\$128.67	X				X			X	Agronomy
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) ≤ 8"	Lb	\$3.78	X			X	X				Engineering
430	Irrigation Pipeline	MDPE (Medium Density PE) ≤ 4"	Ft	\$4.38	X			X	X				Engineering
430	Irrigation Pipeline	PVC (Iron Pipe Size) ≤ 8" 125 psi	Lb	\$2.66	X			X	X				Engineering
430	Irrigation Pipeline	PVC (Iron Pipe Size) ≤ 8" 160 psi	Lb	\$2.46	X			X	X				Engineering
430	Irrigation Pipeline	PVC (Iron Pipe Size) ≤ 8" 160 psi with 4" Sand bedding	Lb	\$2.68	X			X	X				Engineering
436	Irrigation Reservoir	Fiberglass Tank	Gal	\$0.99	X			X	X				Engineering
436	Irrigation Reservoir	Plastic Tank	Gal	\$1.29	X			X	X				Engineering
436	Irrigation Reservoir	Plastic Tank Buried	Gal	\$1.49	X			X	X				Engineering
436	Irrigation Reservoir	Steel Tank	Gal	\$1.65	X			X	X				Engineering
436	Irrigation Reservoir	Tailwater Recovery Greenhouse	Gal	\$1.15	X	X			X				Engineering
441	Irrigation System, Microirrigation	Automated Surface Drip Tape with Media Filter	Ac	\$1,699.70	X				X				Engineering
441	Irrigation System, Microirrigation	Automated Surface Permanent PE tube with media filter laterals 14 ft oc	Ac	\$2,577.03	X				X				Engineering
441	Irrigation System, Microirrigation	Automated Surface Permanent PE tube with media filter laterals 9 ft oc	Ac	\$3,093.81	X				X				Engineering
441	Irrigation System, Microirrigation	Greenhouse Irrigation	SqFt	\$0.18	X			X	X				Engineering

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	Ac	\$2,046.21	X				X				Engineering
441	Irrigation System, Microirrigation	Surface Drip Tape with Media Filter	Ac	\$1,307.25	X				X				Engineering
441	Irrigation System, Microirrigation	Surface Permanent PE tube with media filter laterals 14 ft oc	Ac	\$2,323.33	X				X				Engineering
441	Irrigation System, Microirrigation	Surface Permanent PE tube with media filter laterals 9 ft oc	Ac	\$2,840.11	X				X				Engineering
443	Irrigation System, Surface and Subsurface	Flood (Ebb and Flow) Bench Irrigation	SqFt	\$4.10	X				X				Engineering
443	Irrigation System, Surface and Subsurface	Flood Floor Irrigation	SqFt	\$5.09	X				X				Engineering
449	Irrigation Water Management	Advanced IWM > 30 acres	Ac	\$16.89	X	X			X				Engineering
449	Irrigation Water Management	Advanced IWM ≤ 30 acres	Ac	\$49.43	X	X		X	X				Engineering
449	Irrigation Water Management	Basic IWM > 30 acres	Ac	\$10.82	X	X			X				Engineering
449	Irrigation Water Management	Basic IWM ≤ 30 acres	Ac	\$29.66	X	X			X				Engineering
449	Irrigation Water Management	Intermediate IWM > 30 acres	Ac	\$13.85	X	X			X				Engineering
449	Irrigation Water Management	Intermediate IWM ≤ 30 acres	Ac	\$39.54	X	X			X				Engineering
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder_1stYear	Ea	\$1,654.08	X	X		X	X				Engineering
449	Irrigation Water Management	Soil Moisture Sensors_1st Year	Ea	\$1,253.58	X	X		X	X				Engineering
468	Lined Waterway or Outlet	Concrete	SqFt	\$5.03	X								Engineering
468	Lined Waterway or Outlet	Geocell	SqFt	\$2.69	X								Engineering
468	Lined Waterway or Outlet	Membrane	SqFt	\$0.44	X								Engineering
468	Lined Waterway or Outlet	Rock Lined - 12"	SqFt	\$2.93	X			X		X			Engineering
468	Lined Waterway or Outlet	Rock Lined - 24"	SqFt	\$6.45	X					X			Engineering
468	Lined Waterway or Outlet	Turf Reinforced Matting	SqFt	\$1.17	X								Engineering
484	Mulching	Aggregate	1000 SqFt	\$164.09	X			X	X	X	X	X	Agronomy
484	Mulching	Erosion Control Blanket	1000 SqFt	\$179.93	X				X	X	X	X	Agronomy
484	Mulching	Straw	Ac	\$520.59	X			X	X	X	X	X	Agronomy
484	Mulching	Synthetic Material	Ac	\$688.00	X			X	X			X	Agronomy
484	Mulching	Tree and Shrub	Ea	\$1.10	X				X	X	X	X	Agronomy
590	Nutrient Management	Basic Agronomy	Ac	\$23.26	X				X			X	Agronomy
590	Nutrient Management	Basic Specialty Crops	Ac	\$30.44	X				X			X	Agronomy
590	Nutrient Management	Enhanced Agronomy	Ac	\$36.87	X				X			X	Agronomy
590	Nutrient Management	Enhanced Specialty Crops	Ac	\$58.50	X				X			X	Agronomy
590	Nutrient Management	Seasonal High Tunnel	Ea	\$123.28	X			X	X			X	Agronomy
590	Nutrient Management	Small Farm Diversified	Ea	\$562.70	X				X			X	Agronomy
590	Nutrient Management	Soil Health Assessment	Ea	\$121.93	X			X	X			X	Agronomy
500	Obstruction Removal	Blasting, Rock Excavation	CuYd	\$34.73	X								Engineering
500	Obstruction Removal	Concrete Slab Removal	SqFt	\$2.69	X								Engineering
500	Obstruction Removal	Removal and Disposal of Fence	LnFt	\$0.86	X								Engineering
500	Obstruction Removal	Removal and Disposal of Rock and or Boulders	Ac	\$2,601.42	X								Engineering
500	Obstruction Removal	Removal and Disposal of Steel and or Concrete Structures	SqFt	\$11.94	X								Engineering
500	Obstruction Removal	Removal and Disposal of Wood Structures	SqFt	\$5.99	X								Engineering
516	Pipeline	PE Pipe ≤ 2 in Dia., Buried ~4 ft Deep w/bedding	LnFt	\$4.54	X				X				Engineering
516	Pipeline	PE Pipe ≤ 2 in Dia., Above Ground	LnFt	\$1.63	X				X				Engineering
516	Pipeline	PE Pipe ≤ 1 in Dia., Buried ~4 ft Deep w/bedding	LnFt	\$3.88	X				X				Engineering

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
521A	Pond Sealing or Lining, Flexible Membrane	Flexible Membrane Liner	SqFt	\$1.44	X								Engineering
528	Prescribed Grazing	Daily rotation	Ac	\$117.06	X				X				Agronomy
528	Prescribed Grazing	Twice Weekly rotation	Ac	\$104.16	X				X				Agronomy
528	Prescribed Grazing	Weekly rotation	Ac	\$34.75	X				X				Agronomy
533	Pumping Plant	Auto Start	Ea	\$7,435.95	X	X			X				Engineering
533	Pumping Plant	Electric-Powered Pump >10 to 40 HP	HP	\$447.41	X	X			X				Engineering
533	Pumping Plant	Electric-Powered Pump >3 to 10 HP	HP	\$690.24	X	X			X				Engineering
533	Pumping Plant	Electric-Powered Pump ≤ 3 Hp	HP	\$863.93	X	X			X				Engineering
533	Pumping Plant	Electric-Powered Pump ≤ 3 HP with Pressure Tank	HP	\$1,127.93	X	X			X				Engineering
533	Pumping Plant	Fish Screens ≤ 400 gpm	Ea	\$1,278.56	X				X				Engineering
533	Pumping Plant	Fish Screens > 400 gpm	Ea	\$2,297.06	X				X				Engineering
533	Pumping Plant	Hollow Piston Manure Pump	Ea	\$24,394.52	X	X							Engineering
533	Pumping Plant	Internal Combustion-Powered Pump > 7½ to 75 HP	HP	\$265.30	X	X			X				Engineering
533	Pumping Plant	Internal Combustion-Powered Pump > 75 HP	HP	\$178.30	X	X			X				Engineering
533	Pumping Plant	Internal Combustion-Powered Pump ≤ 7½ HP	HP	\$273.60	X	X			X				Engineering
533	Pumping Plant	Livestock Nose Pump	Ea	\$1,184.09	X	X			X				Engineering
533	Pumping Plant	Manure PTO Vertical Shaft Pump	Ea	\$11,215.08	X	X							Engineering
533	Pumping Plant	Photovoltaic-Powered Pump, 0.25Hp	Ea	\$4,503.44	X	X			X				Engineering
533	Pumping Plant	Photovoltaic-Powered Pump, 1.5Hp	Ea	\$8,695.72	X	X			X				Engineering
533	Pumping Plant	Photovoltaic-Powered Pump, 1Hp	Ea	\$7,012.13	X	X			X				Engineering
533	Pumping Plant	Solid Piston Manure Pump	Ea	\$37,865.96	X	X							Engineering
533	Pumping Plant	Solids Handling Waswater Pump < 2Hp	Ea	\$4,614.38	X	X							Engineering
533	Pumping Plant	Solids Handling Waswater Pump >2Hp	Ea	\$9,684.38	X	X							Engineering
533	Pumping Plant	Tractor Power Take Off (PTO) Pump	HP	\$133.36	X				X				Engineering
533	Pumping Plant	Variable Frequency Drive	HP	\$146.80	X	X			X				Engineering
533	Pumping Plant	Water Ram Pump	In	\$990.00	X	X			X				Engineering
345	Res. & Tillage Mgt, Mulch-till	Mulch till-Basic	Ac	\$35.06	X	X			X			X	Agronomy
329	Residue and Tillage Management - No-Till/ Strip Till/ Direct Seed	No-Till/Strip-Till	Ac	\$50.44	X	X						X	Agronomy
329	Residue and Tillage Management - No-Till/ Strip Till/ Direct Seed	Roller Crimper	Ac	\$75.14	X	X			X			X	Agronomy
344	Residue Management, Seasonal	Residue Management, Seasonal	Ac	\$40.13	X	X			X			X	Agronomy
643	Restoration and Management of Natural Ecosystems	Reef Creation Using Shell	Ea	\$11,500.00	X								Ecology
643	Restoration and Management of Natural Ecosystems	Spat On Shell	Ea	\$79.60	X								Ecology
391	Riparian Forest Buffer	Riparian Buffer -450 1 gallon containers	Ac	\$7,953.24	X				X	X	X		Ecology
558	Roof Runoff Structure	Concrete Swale	LnFt	\$13.38	X				X				Engineering
558	Roof Runoff Structure	Roof Gutter≤6"	LnFt	\$6.27	X			X	X				Engineering
558	Roof Runoff Structure	Trench Drain	LnFt	\$11.10	X			X	X				Engineering
367	Roofs and Covers	Fabric Roof w/ Concrete Foundation	SqFt	\$12.83	X				X				Engineering
367	Roofs and Covers	Fabric Roof w/ Timber Foundation	SqFt	\$10.45	X				X				Engineering
367	Roofs and Covers	Steel Frame and Cover with Concrete Foundation	SqFt	\$12.30	X				X				Engineering

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
367	Roofs and Covers	Timber Framed Roof with Concrete Foundation	SqFt	\$13.87	X				X				Engineering
367	Roofs and Covers	Timber Framed Roof with Timber Foundation	SqFt	\$10.91	X				X				Engineering
798	Seasonal High Tunnel for Crops	Contiguous US - Snow	SqFt	\$3.54				X	X				Agronomy
350	Sediment Basin	Concrete basin	CuYd	\$134.10	X								Engineering
350	Sediment Basin	Embankment earthen basin with no pipe	CuYd	\$2.09	X								Engineering
350	Sediment Basin	Embankment earthen basin with pipe	CuYd	\$4.78	X								Engineering
350	Sediment Basin	Excavated volume	CuYd	\$2.15	X								Engineering
632	Solid/Liquid Waste Separation Facility	Centrifuge	Ea	\$279,007.72									Engineering
632	Solid/Liquid Waste Separation Facility	Concrete Basin	CuFt	\$5.28									Engineering
632	Solid/Liquid Waste Separation Facility	Mechanical	Ea	\$46,007.72									Engineering
574	Spring Development	Perforated Well Tile	Ea	\$1,593.11	X				X				Engineering
574	Spring Development	Solid Well Tile & Pipe	Ea	\$3,341.04	X				X				Engineering
578	Stream Crossing	Hard armored low water crossing	SqFt	\$3.51	X				X	X			Engineering
578	Stream Crossing	Low water crossing using prefabricated products	SqFt	\$5.56	X				X	X			Engineering
578	Stream Crossing	Bridge	SqFt	\$53.78	X				X	X			Engineering
578	Stream Crossing	> 30 in Culvert Installation	InFt	\$3.15	X				X	X			Engineering
395	Stream Habitat Improvement	Instream wood placement	Ac	\$15,657.64	X					X			
580	Streambank and Shoreline Protection	Bioengineered	LnFt	\$82.13	X					X			Engineering
580	Streambank and Shoreline Protection	Structural	LnFt	\$131.39	X					X			Engineering
580	Streambank and Shoreline Protection	Structural and Bio Mix	LnFt	\$135.68	X					X			Engineering
580	Streambank and Shoreline Protection	Vegetative	LnFt	\$17.84	X					X			Engineering
585	Stripcropping	Stripcropping - water erosion	Ac	\$14.43	X				X				
587	Structure for Water Control	Commercial Inline Flashboard Riser	InFt	\$4.58	X				X	X			Engineering
587	Structure for Water Control	Culvert <30 inches CMP	InFt	\$2.09	X				X	X			Engineering
587	Structure for Water Control	Culvert <30 inches HDPE	InFt	\$1.80	X				X	X			Engineering
587	Structure for Water Control	Flap Gate	Ft	\$1,564.74	X				X	X			Engineering
587	Structure for Water Control	Flap Gate w/ Concrete Wall	CuYd	\$1,041.14	X				X	X			Engineering
587	Structure for Water Control	Flow Meter with Electronic Index	In	\$147.11	X				X	X			Engineering
587	Structure for Water Control	Flow Meter with Mechanical Index	Inch	\$122.47	X				X	X			Engineering
587	Structure for Water Control	Inlet Flashboard Riser, Metal	InFt	\$3.70	X				X	X			Engineering
587	Structure for Water Control	Inline Flashboard Riser, Metal	InFt	\$3.86	X				X	X			Engineering
587	Structure for Water Control	Slide Gate	Ft	\$1,676.24	X				X	X			Engineering
606	Subsurface Drain	4" PVC Footing Drain	Ft	\$7.19	X			X	X				Engineering
606	Subsurface Drain	6" CPP Footing Drain	Ft	\$3.93	X				X				Engineering
606	Subsurface Drain	6" Footing Drain w/ Geotextile Fabric	Ft	\$6.50	X				X				Engineering
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, ≤ 6"	LnFt	\$3.57	X				X				Engineering
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, ≤ 6"	LnFt	\$8.97	X				X				Engineering
612	Tree & Shrub Establishment	300 1/2 gallon pots per acre	Ac	\$3,169.54	X				X	X	X	X	Ecology
612	Tree & Shrub Establishment	bare root- each	Ea	\$0.71	X				X	X	X	X	Ecology



Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
490	Tree & Shrub Site Preparation	Site Preparation-Mechanical	Ac	\$208.60	X					X	X		Ecology
620	Underground Outlet	10" HDPE only	Ft	\$12.81	X				X				Engineering
620	Underground Outlet	12"<UO<=18"	Ft	\$27.39	X				X				Engineering
620	Underground Outlet	18"<UO<=24"	Ft	\$39.92	X				X				Engineering
620	Underground Outlet	24"<UO<=30"	Ft	\$53.61	X				X				Engineering
620	Underground Outlet	6"<UO<=12"	Ft	\$16.35	X				X				Engineering
620	Underground Outlet	6"<UO<=12" w Riser	Ft	\$15.09	X				X				Engineering
620	Underground Outlet	UO<=6" w CB	Ft	\$10.75	X				X				Engineering
620	Underground Outlet	UO<=6" w Riser	Ft	\$8.17	X			X	X				Engineering
620	Underground Outlet	UO>30"	Ft	\$71.09	X				X				Engineering
645	Upland Wildlife Habitat Management	Mast/Apple Tree Release	Ea	\$16.75	X					X			Ecology
645	Upland Wildlife Habitat Management	Small Bird Boxes (pair) or Snags	Ea	\$61.60	X					X			Ecology
635	Vegetated Treatment Area	VTA Direct Flow - Surface Apply	SqFt	\$0.47	X								Engineering
635	Vegetated Treatment Area	VTA Existing with Spreader Curb	SqFt	\$0.54	X								Engineering
635	Vegetated Treatment Area	VTA New with Spreader Curb	SqFt	\$0.77	X								Engineering
635	Vegetated Treatment Area	VTA-Mechanical distribution	Ac	\$1,789.18	X								Engineering
635	Vegetated Treatment Area	VTA-surface application-gravity flow	SqFt	\$0.67	X								Engineering
635	Vegetated Treatment Area	Wastewater is Pumped up to the VTA	SqFt	\$0.26	X								Engineering
313	Waste Storage Facility	Above Ground Steel/Concrete 25-100K ft3 storage	CuFt	\$2.21	X								Engineering
313	Waste Storage Facility	Above Ground Steel/Concrete < 25K ft3 storage	CuFt	\$2.80	X								Engineering
313	Waste Storage Facility	Above Ground Steel/Concrete 100-200K ft3 storage	CuFt	\$2.05	X								Engineering
313	Waste Storage Facility	Bedded Pack, Concrete Floor, Concrete Wall	SqFt	\$15.26	X								Engineering
313	Waste Storage Facility	Bedded Pack, Gravel Floor, Concrete Wall	SqFt	\$11.97	X								Engineering
313	Waste Storage Facility	Conc Tank, buried <5K	CuFt	\$6.44	X								Engineering
313	Waste Storage Facility	Conc Tank, Buried 110K or >	CuFt	\$1.28	X								Engineering
313	Waste Storage Facility	Conc Tank, Buried 15K<25K	CuFt	\$2.10	X								Engineering
313	Waste Storage Facility	Conc Tank, Buried 25K<50K	CuFt	\$2.00	X								Engineering
313	Waste Storage Facility	Conc Tank, Buried 50K<75K	CuFt	\$1.53	X								Engineering
313	Waste Storage Facility	Conc Tank, buried 5K<15K	CuFt	\$2.68	X								Engineering
313	Waste Storage Facility	Conc Tank, Buried 75K<110K	CuFt	\$1.33	X								Engineering
313	Waste Storage Facility	Concrete, Rectangular, 2 ft < Wall <= 4 ft Without Roof	SqFt	\$9.48	X								Engineering
313	Waste Storage Facility	Concrete, Rectangular, 4 ft < Wall <= 6 ft Without Roof	SqFt	\$14.76	X								Engineering
313	Waste Storage Facility	Concrete, Rectangular, 6 Ft < Wall <= 8 Ft Without Roof	SqFt	\$18.75	X								Engineering
313	Waste Storage Facility	Earthen Storage Facility < 50K ft3 Storage	CuFt	\$0.30	X								Engineering
313	Waste Storage Facility	Earthen Storage Facility >50K ft3 Storage	CuFt	\$0.26	X								Engineering
634	Waste Transfer	12" HDPE Pipe w/ Hopper	Ft	\$45.38	X								Engineering
634	Waste Transfer	15" PVC Pressure Pipe	Ft	\$46.97	X								Engineering
634	Waste Transfer	24" HDPE Pipe w/ Hopper	Ft	\$76.97	X								Engineering
634	Waste Transfer	3" PVC Pressure Pipe	Ft	\$13.11	X								Engineering
634	Waste Transfer	30" HDPE Pipe w/ Hopper	Ft	\$88.24	X								Engineering
634	Waste Transfer	6" PVC Pipe w/ Hopper	Ft	\$15.28	X								Engineering
634	Waste Transfer	6" PVC Pressure Pipe	Ft	\$17.87	X								Engineering
634	Waste Transfer	Agitator-small used for mixing a basin or pit < 10 ft. deep.	Ea	\$11,994.95	X								Engineering
634	Waste Transfer	Concrete Channel with push-off wall at pond and safety gate	SqFt	\$14.79	X								Engineering
634	Waste Transfer	Stacker (Manure Elevator)	Ft	\$313.55	X								Engineering
634	Waste Transfer	Wastewater Collection Tank	Gal	\$2.75	X								Engineering
629	Waste Treatment	Aerator greater than 5 hp	Ea	\$15,569.46	X								Engineering

Code	Practice Name	Scenario Name	Unit	Cost (100%)	EQIP - FGC	EQIP - Energy	EQIP - Maple	EQIP - SHT	EQIP - ORG	EQIP - Forest	WHIP - NEC	AMA	NH Lead Discipline
629	Waste Treatment	Aerator less than or equal to 5 hp	HP	\$2,948.57	X								Engineering
629	Waste Treatment	Milking Parlor Waste Treatment System with Dosing System and Bark Beds	SqFt	\$7.37	X								Engineering
629	Waste Treatment	Milking Parlor Waste Treatment System with Dosing System and Bark Mounds	SqFt	\$9.91	X								Engineering
629	Waste Treatment	Milking Parlor Wastewater Treatment System with Dosing System	Gal/Day	\$21.06	X								Engineering
629	Waste Treatment	Straw Pond Cover	SqFt	\$0.70	X								Engineering
638	Water & Sediment Control Basin	WASCOB <350 CY	CuYd	\$6.75	X								Engineering
638	Water & Sediment Control Basin	WASCOB <350 CY-Topsoil	CuYd	\$7.34	X								Engineering
638	Water & Sediment Control Basin	WASCOB >=350 CY	CuYd	\$4.72	X								Engineering
638	Water & Sediment Control Basin	WASCOB >=350 CY-Topsoil	CuYd	\$4.42	X								Engineering
642	Water Well	Typical Well	Ea	\$3,349.51	X				X				Engineering
614	Watering Facility	Frost Free Trough	Ea	\$695.79	X				X				Engineering
614	Watering Facility	Permanent Drinking/Storage <500 Gallons	Gal	\$2.93	X				X				Engineering
614	Watering Facility	Permanent Drinking/Storage >1000-5000 Gallons	Gal	\$1.43	X				X				Engineering
614	Watering Facility	Permanent Drinking/Storage >5000 Gallons	Gal	\$0.60	X				X				Engineering
614	Watering Facility	Permanent Drinking/Storage 500-1000 Gallons	Gal	\$1.92	X				X				Engineering
614	Watering Facility	Permanent Storage Tank	Gal	\$0.97	X				X				Engineering
614	Watering Facility	Portable Drinking/Storage <100 Gallons	Gal	\$1.78	X				X				Engineering