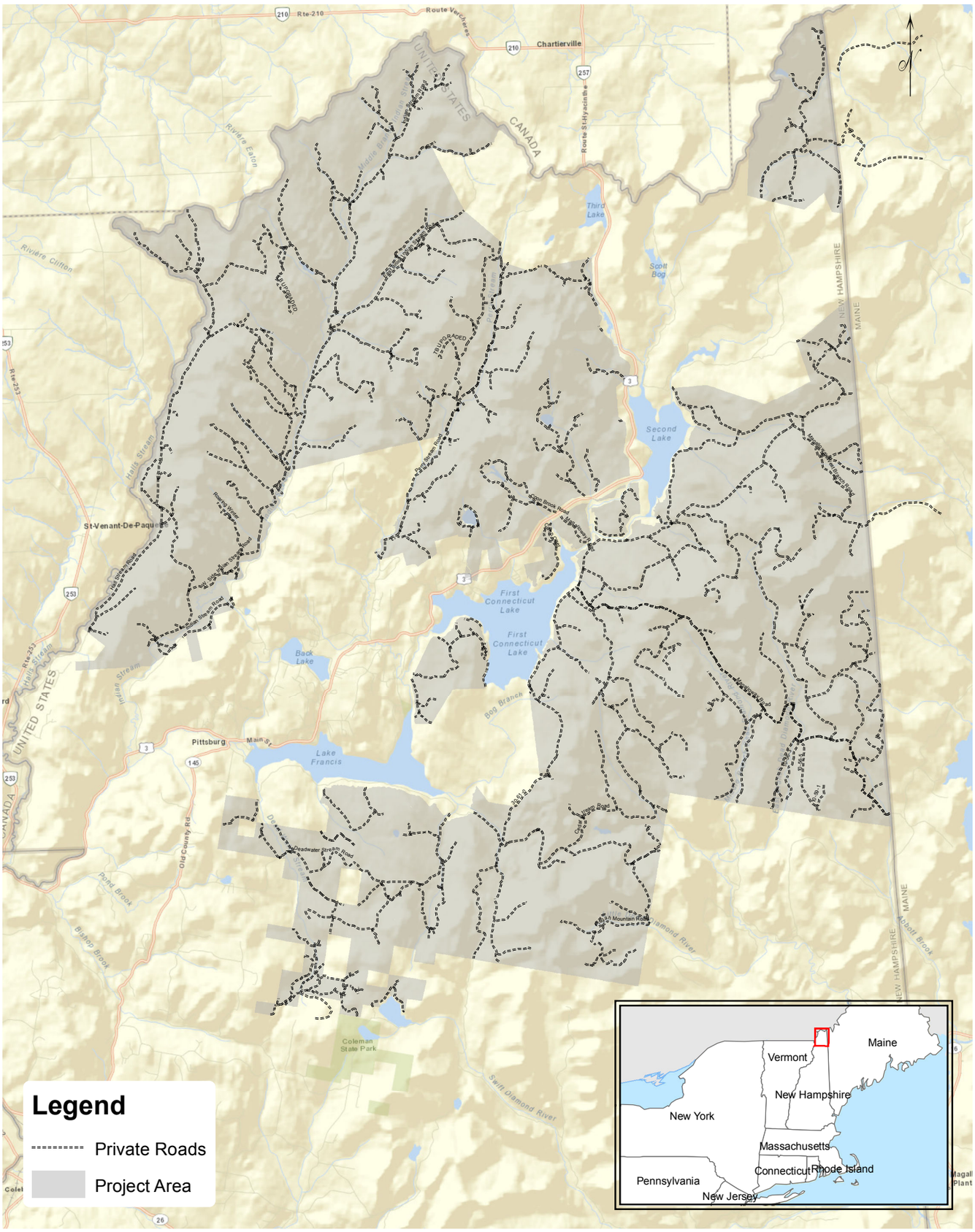


1 in = 3 miles

November 2013

Map Showing Towns and Roads

Note: If road is not indicated as a private road, it is public.

on lands belonging to

Connecticut Lakes Realty Trust

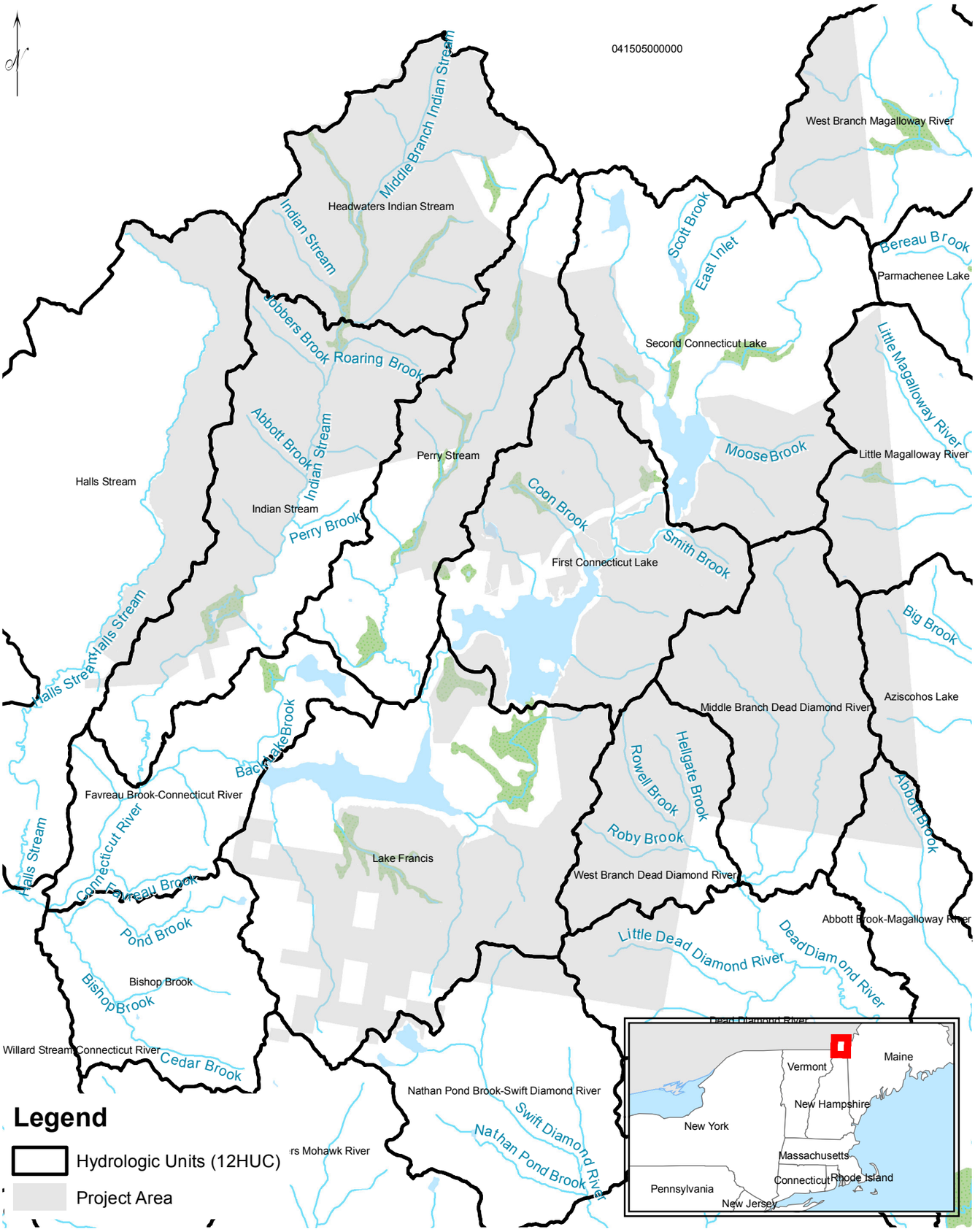
Situate in the State of New Hampshire

and being part of an Improved Forest Management project developed using the ARB U.S. Forests Compliance Offset Protocol and identified as

ACR199

Finite Carbon - The Forestland Group CT Lakes

Map Prepared by: Tim McAbee



1 in = 3 miles

November 2013

Map Showing Major Watercourses

on lands belonging to

Connecticut Lakes Realty Trust
Situate in the State of New Hampshire

and being part of an Improved Forest Management project developed using the ARB U.S. Forests Compliance Offset Protocol and identified as

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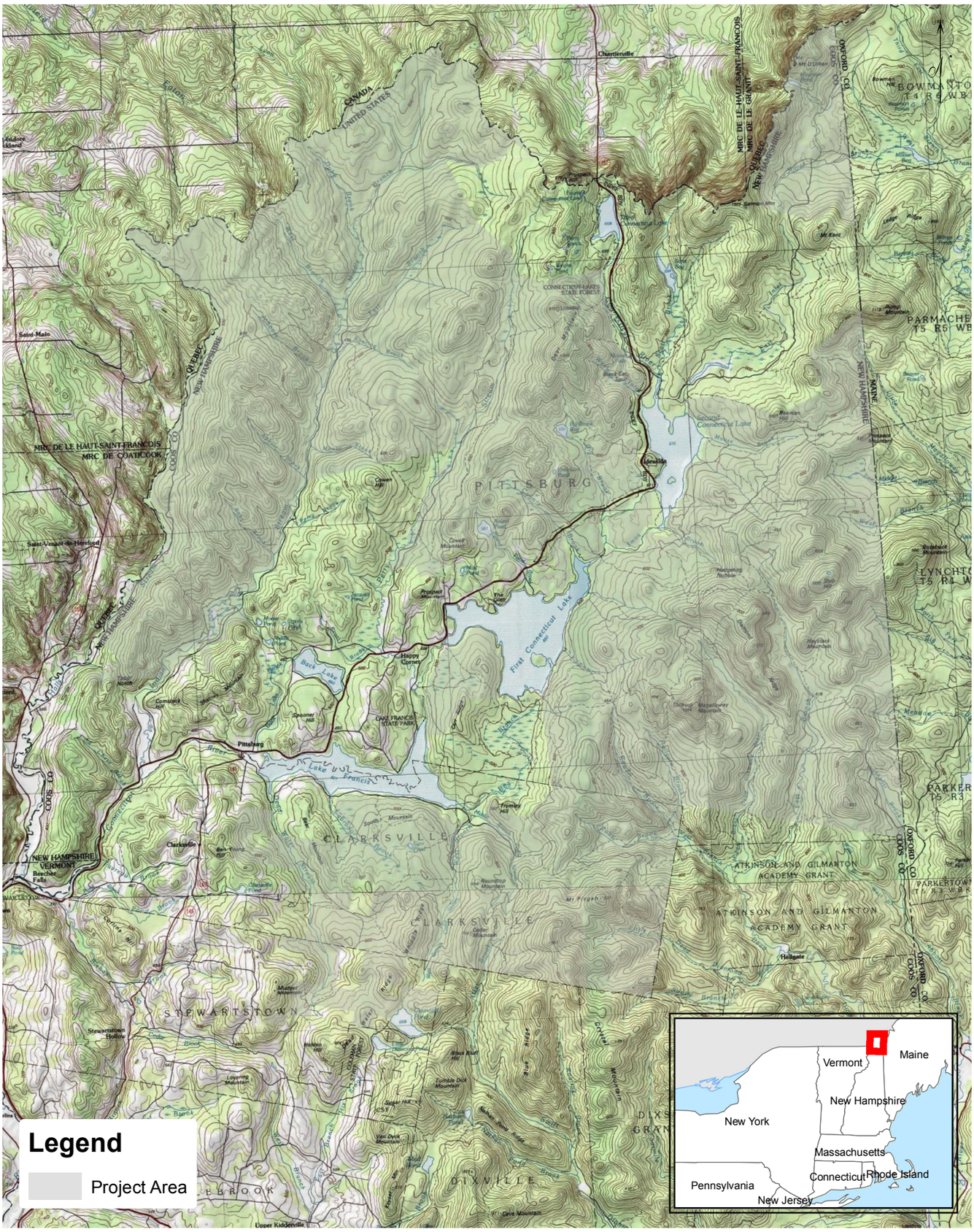
Appendix B. Map_Watercourses

Map Prepared by: Tim McAbee



1 in = 3 miles

November 2013

Map Showing Topography

on lands belonging to

Connecticut Lakes Realty Trust
Situate in the State of New Hampshire

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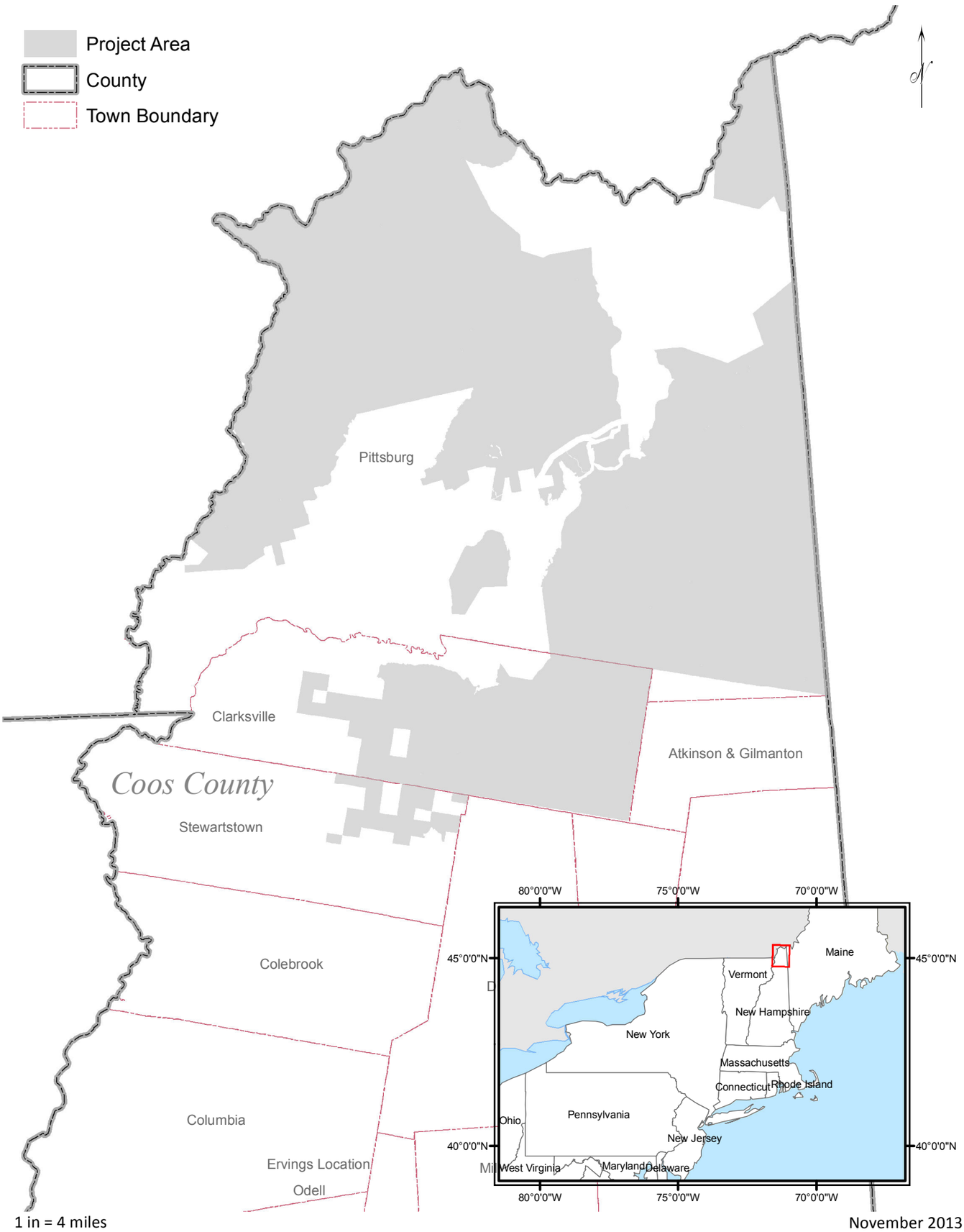
Finite Carbon - The Forestland Group CT Lakes

Map Prepared by: Tim McAbee



Map Showing Counties and Townships

on lands belonging to

Connecticut Lakes Realty Trust
Situate in the State of New Hampshire

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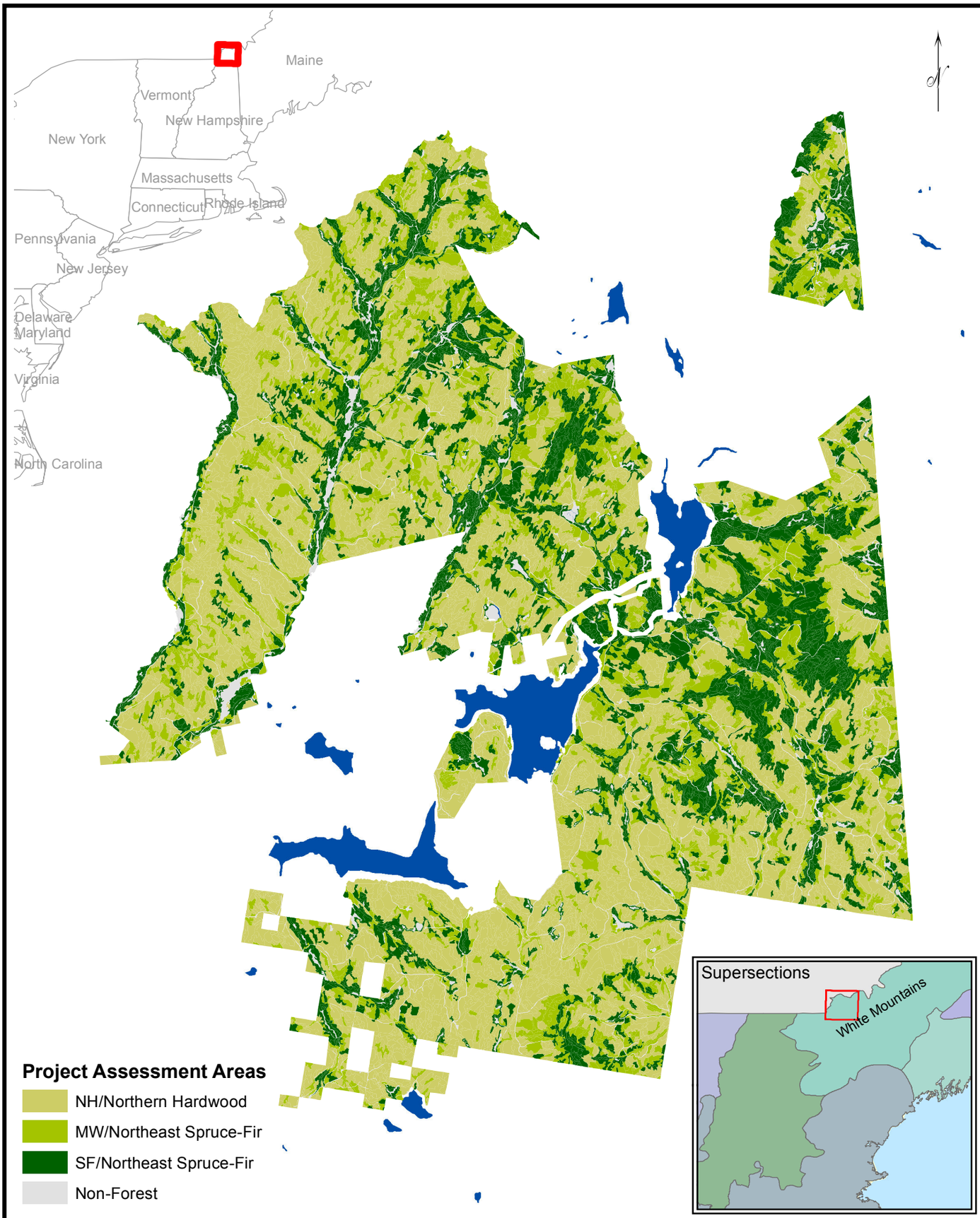
Finite Carbon - The Forestland Group CT Lakes

Map Prepared by: Tim McAbee



1 in = 3.1 miles

November 2013

Map Showing Assessment Areas

on lands belonging to

Connecticut Lakes Realty Trust
Situate in the State of New Hampshire

and being part of an Improved Forest Management project developed using the ARB U.S. Forests Compliance Offset Protocol and identified as

ACR199

Finite Carbon - The Forestland Group CT Lakes

Appendix E. Map_AssessmentAreas

Map Prepared by: Tim McAbee

Appendix G. ACR199 Baseline and Project Harvest Volumes 20140107

	Harvest Volume (Cubic Feet)			Harvest Volume (Cubic Feet)	
Year	**Baseline**	**Project**	**Year**	**Baseline**	**Project**
2013	14,073,167	-	2064	8,961,345	-
2014	10,003,527	1,679,475	2065	7,581,779	-
2015	9,870,080	-	2066	6,746,181	-
2016	11,042,543	-	2067	3,110,985	-
2017	5,718,380	-	2068	2,472,249	-
2018	-	-	2069	1,821,303	-
2019	-	-	2070	-	-
2020	-	-	2071	-	-
2021	-	-	2072	-	-
2022	-	-	2073	12,933,670	-
2023	14,037,417	-	2074	8,617,861	-
2024	10,052,573	-	2075	6,482,523	-
2025	9,930,181	-	2076	7,037,341	-
2026	11,046,501	-	2077	2,652,993	-
2027	5,548,993	-	2078	2,045,244	-
2028	-	-	2079	114,970	-
2029	-	-	2080	-	-
2030	-	-	2081	-	-
2031	-	-	2082	-	-
2032	-	-	2083	12,541,440	-
2033	13,768,585	-	2084	8,268,510	-
2034	9,763,648	-	2085	6,116,276	-
2035	9,731,127	-	2086	6,663,960	-
2036	8,778,336	-	2087	2,285,442	-
2037	7,039,268	-	2088	437,768	-
2038	-	-	2089	-	-
2039	-	-	2090	-	-
2040	-	-	2091	-	-
2041	-	-	2092	-	-
2042	-	-	2093	12,299,235	-
2043	13,705,280	-	2094	7,934,167	-
2044	9,719,296	-	2095	5,788,876	-
2045	8,233,359	-	2096	6,188,610	-
2046	7,147,214	-	2097	-	-
2047	5,163,411	-	2098	-	-
2048	2,736,497	-	2099	-	-
2049	-	-	2100	-	-
2050	-	-	2101	-	-
2051	-	-	2102	-	-
2052	-	-	2103	11,565,479	-
2053	13,296,133	-	2104	7,334,776	-
2054	9,377,130	-	2105	4,366,957	-
2055	7,370,911	-	2106	942,801	-
2056	6,842,098	-	2107	1,615,376	-
2057	5,533,798	-	2108	1,104,542	-
2058	1,996,369	-	2109	-	-
2059	-	-	2110	-	-
2060	-	-	2111	-	-
2061	-	-	2112	-	-
2062	-	-	2113	4,207,416	-
2063	13,183,122	-			

Appendix K. ACR199 Baseline Inventory, Growth and Harvest by Year v1.0

	Standing Live (IFM1) tCO2e		Standing Live Increment (IFM1) tCO2e		Carbon Harvested in Wood Delivered to Mill tCO2e	
Year	**Per Acre**	**Total**	**Per Acre**	**Total**	**Per Acre**	**Total**
2013	75.39	10,635,174	-	-	-	-
2014	72.65	10,248,592	(2.74)	(386,581)	2.02	284,694
2015	70.68	9,970,306	(1.97)	(278,287)	1.85	260,570
2016	68.45	9,655,454	(2.23)	(314,851)	1.86	262,293
2017	65.87	9,292,165	(2.58)	(363,289)	2.08	293,237
2018	65.36	9,219,909	(0.51)	(72,257)	1.08	152,350
2019	67.22	9,481,815	1.86	261,907	-	-
2020	69.10	9,747,015	1.88	265,199	-	-
2021	71.00	10,015,183	1.90	268,168	-	-
2022	72.92	10,286,803	1.93	271,620	-	-
2023	74.86	10,560,092	1.94	273,289	-	-
2024	71.23	10,047,575	(3.63)	(512,517)	2.53	357,218
2025	69.49	9,802,469	(1.74)	(245,107)	1.63	229,347
2026	67.48	9,519,252	(2.01)	(283,217)	1.62	228,553
2027	65.20	9,196,726	(2.29)	(322,526)	1.73	244,054
2028	64.81	9,142,372	(0.39)	(54,354)	0.94	133,168
2029	66.56	9,389,716	1.75	247,344	-	-
2030	68.34	9,639,889	1.77	250,172	-	-
2031	70.15	9,895,707	1.81	255,818	-	-
2032	72.01	10,157,383	1.86	261,676	-	-
2033	73.90	10,424,543	1.89	267,160	-	-
2034	70.31	9,918,529	(3.59)	(506,015)	2.41	340,330
2035	68.18	9,617,505	(2.13)	(301,024)	1.69	239,089
2036	66.13	9,328,953	(2.05)	(288,551)	1.64	231,457
2037	64.31	9,071,887	(1.82)	(257,067)	1.55	218,813
2038	63.29	8,927,660	(1.02)	(144,227)	1.17	164,589
2039	64.95	9,162,246	1.66	234,586	-	-
2040	66.64	9,400,616	1.69	238,370	-	-
2041	68.36	9,643,439	1.72	242,823	-	-
2042	70.11	9,890,451	1.75	247,012	-	-
2043	71.92	10,144,816	1.80	254,365	-	-
2044	68.89	9,717,525	(3.03)	(427,291)	2.19	308,363
2045	67.21	9,480,789	(1.68)	(236,736)	1.55	219,309
2046	65.99	9,308,496	(1.22)	(172,293)	1.40	197,099
2047	64.78	9,137,955	(1.21)	(170,541)	1.23	173,047
2048	64.29	9,069,313	(0.49)	(68,642)	0.96	136,081
2049	64.84	9,146,603	0.55	77,290	0.51	72,608
2050	66.57	9,390,415	1.73	243,812	-	-
2051	68.33	9,638,250	1.76	247,835	-	-
2052	70.12	9,890,657	1.79	252,407	-	-
2053	71.94	10,147,587	1.82	256,929	-	-
2054	68.49	9,660,740	(3.45)	(486,846)	2.00	281,780
2055	66.26	9,347,246	(2.22)	(313,495)	1.52	215,032
2056	65.20	9,197,788	(1.06)	(149,457)	1.23	173,974
2057	64.07	9,038,405	(1.13)	(159,383)	1.18	166,046
2058	63.50	8,957,218	(0.58)	(81,188)	1.01	142,785
2059	64.29	9,068,517	0.79	111,299	0.38	52,970
2060	65.94	9,302,130	1.66	233,613	-	-
2061	67.63	9,540,531	1.69	238,401	-	-

2062	69.36	9,783,535	1.72	243,004	-	-
2063	71.12	10,032,098	1.76	248,563	-	-
2064	68.38	9,645,537	(2.74)	(386,561)	2.11	297,200
2065	66.12	9,327,284	(2.26)	(318,252)	1.54	217,054
2066	64.60	9,112,732	(1.52)	(214,552)	1.27	179,473
2067	63.68	8,983,156	(0.92)	(129,576)	1.11	155,960
2068	63.98	9,025,723	0.30	42,567	0.58	81,335
2069	64.57	9,108,016	0.58	82,294	0.47	65,597
2070	65.53	9,244,338	0.97	136,322	0.34	48,566
2071	67.20	9,479,584	1.67	235,246	-	-
2072	68.90	9,719,471	1.70	239,887	-	-
2073	70.62	9,961,712	1.72	242,241	-	-
2074	67.03	9,455,573	(3.59)	(506,139)	2.14	301,990
2075	65.15	9,190,102	(1.88)	(265,471)	1.43	202,004
2076	64.17	9,051,279	(0.98)	(138,824)	1.14	161,445
2077	62.46	8,810,552	(1.71)	(240,726)	1.30	182,998
2078	62.72	8,847,645	0.26	37,093	0.49	68,690
2079	63.36	8,937,090	0.63	89,445	0.38	54,267
2080	64.85	9,148,346	1.50	211,256	0.02	3,051
2081	66.43	9,370,785	1.58	222,439	-	-
2082	68.02	9,595,293	1.59	224,508	-	-
2083	69.62	9,820,198	1.59	224,905	-	-
2084	65.20	9,197,151	(4.42)	(623,047)	2.07	292,396
2085	63.35	8,936,808	(1.85)	(260,342)	1.41	198,292
2086	62.32	8,791,254	(1.03)	(145,555)	1.07	150,570
2087	60.67	8,558,627	(1.65)	(232,626)	1.25	176,072
2088	61.02	8,607,983	0.35	49,355	0.42	59,106
2089	62.25	8,780,529	1.22	172,547	0.08	11,615
2090	63.70	8,985,445	1.45	204,915	-	-
2091	65.18	9,193,808	1.48	208,363	-	-
2092	66.70	9,408,210	1.52	214,402	-	-
2093	68.23	9,624,696	1.53	216,485	-	-
2094	63.53	8,961,098	(4.70)	(663,597)	2.01	283,959
2095	61.08	8,616,305	(2.44)	(344,793)	1.44	202,585
2096	59.59	8,405,560	(1.49)	(210,746)	1.05	147,696
2097	57.72	8,142,789	(1.86)	(262,770)	1.15	162,603
2098	58.94	8,314,719	1.22	171,929	-	-
2099	60.21	8,493,601	1.27	178,882	-	-
2100	61.51	8,677,284	1.30	183,683	-	-
2101	62.83	8,863,047	1.32	185,763	-	-
2102	64.19	9,055,072	1.36	192,025	-	-
2103	65.58	9,250,468	1.39	195,396	-	-
2104	61.81	8,719,644	(3.76)	(530,823)	1.92	271,446
2105	60.16	8,486,987	(1.65)	(232,657)	1.23	173,603
2106	59.89	8,447,579	(0.28)	(39,408)	0.73	103,406
2107	60.83	8,580,195	0.94	132,616	0.18	25,355
2108	61.81	8,719,220	0.99	139,025	0.27	38,714
2109	62.97	8,883,318	1.16	164,098	0.19	26,471
2110	64.43	9,089,237	1.46	205,919	-	-
2111	65.96	9,304,254	1.52	215,017	-	-
2112	67.54	9,527,201	1.58	222,947	-	-
2113	69.12	9,749,955	1.58	222,753	-	-

Appendix L. ACR199 RP1 Harvested Wood Products Worksheets v1.0

Section 1. Data Inputs

Table 1. Key to worksheet inputs

The key below provides a color-coded reference to cells in this worksheet where inputs are provided directly by the users of this spreadsheet, assumptions are populated based on external data sources, and either calculations or outputs are conducted automatically. An action is required by the user anywhere a 'Step' is indicated.

Step Guidance, which generally describes user input needed	
Project data entered annually by Project Submitter	
Assumptions and/or data populated automatically	
Default Values	
Data calculated automatically for input into the Calculation Worksheet	

Table 2. Project Characteristics

Step 1. Using the pull-down menus where provided, enter the current reporting period project data into Table 2. If multiple hardwood and/or softwood harvest units were recorded, consolidate into one hardwood and one softwood harvest unit using the conversion factors in Table 4.

Region*:	Northeast (NE)
Reporting Period:	7-Jan-14
Hardwood Harvest Units:	Cords
Softwood Harvest Units:	Cords

*From the Reserve's Assessment Area Data File.

Table 3. Volume in Logs Delivered to Mill

Step 2. Enter the name of the mill(s) and the volume of harvested wood sent to the mill(s) during the current reporting period in Table 2. Both the hardwood and softwood volumes must be categorized based on the wood product classes shown below. If wood products class data is insufficient, categorize the unknown wood products as "miscellaneous". Default mill efficiencies are provided based on Table 5. The default values may be overwritten if mill-specific data is available and is verifiable.

	Hardwood							Softwood							
	Wood Product Classes							Wood Product Classes							
Mill	*Mill Efficiency*	Lumber	Oriented Strandboard	Non Structural Panels	Misc Products	*Mill Efficiency*	Paper	*Mill Efficiency*	Lumber	Plywood	Oriented Strandboard	Non Structural Panels	Misc Products	*Mill Efficiency*	Paper
Local Mill	61.4%	3,521		116	680	65.0%	11,682	56.9%	5,475					51.3%	919
	61.4%					65.0%		56.9%						51.3%	
	61.4%					65.0%		56.9%						51.3%	
	61.4%					65.0%		56.9%						51.3%	
	61.4%					65.0%		56.9%						51.3%	
	61.4%					65.0%		56.9%						51.3%	
Gross Total:		**3,521**	**-**	**116**	**680**		**11,682**		**5,475**	**-**	**-**	**-**	**-**		**919**
Net Total:		**2,162**	**-**	**71**	**418**		**7,593**		**3,116**	**-**	**-**	**-**	**-**		**471**

Section 2. Estimates of Carbon Storage in Wood Products and Emissions associated with Harvested Trees

Table 4. Estimates of CO_2-equivalent (CO_2-e) in Harvested Wood Products associated with Project Activities

	Hardwood					Softwood						
Units	Lumber	Oriented Strandboard	Non Structural Panels	Misc Products	Paper	Lumber	Plywood	Oriented Strandboard	Non Structural Panels	Misc Products	Paper	Sum
Project carbon in harvested wood delivered to mills (Cubic Feet)	264,064	-	8,713	51,000	876,119	410,660	-	-	-	-	68,919	1,679,475
Project carbon in harvested wood delivered to mills (tCO$_2$e)	7,108	-	235	1,373	23,582	7,917	-	-	-	-	1,329	41,542
Project carbon transferred to wood products (Cubic Feet)	162,135	-	5,350	31,314	569,478	233,666	-	-	-	-	35,355	1,037,297
Project carbon transferred to wood products (tCO$_2$e)	4,364	-	144	843	15,328	4,505	-	-	-	-	682	25,865
% Product	17%	0%	1%	3%	59%	17%	0%	0%	0%	0%	3%	100%
Long-term storage in in-use wood products (tCO$_2$e)	1,091	-	55	148	889	2,086	-	-	-	-	40	4,308
Long-term storage in wood products in landfills (tCO$_2$e)	1,807	-	50	383	2,728	1,342	-	-	-	-	121	6,431

Table 5. Estimates of CO_2-equivalent (CO_2-e) in Harvested Wood Products associated with Baseline Activities

	Hardwood					Softwood						
Units	Lumber	Oriented Strandboard	Non Structural Panels	Misc Products	Paper	Lumber	Plywood	Oriented Strandboard	Non Structural Panels	Misc Products	Paper	Sum
tCO2e	10,486	-	346	2,025	38,991	10,031	-	-	-	-	1,368	101,224
% Product	17%	0%	1%	3%	59%	17%	0%	0%	0%	0%	3%	100%
Long-term storage in in-use wood products (tCO2e)	2,622	-	131	356	2,262	4,644	-	-	-	-	79	10,095
Long-term storage in wood products in landfills (tCO2e)	4,341	-	119	919	6,940	2,989	-	-	-	-	244	15,553

Table 6: Calculations to be Inserted into the Calculation Worksheet

Calculation Sheet Inputs (for Current Reporting Period)		Row Location in Calculation Worksheet
Actual Project Carbon in Harvested Wood Delivered to Mill (tCO2e)	41,542	10 (Excel 21)
Actual Project Carbon in Trees Harvested for Wood Products (tCO2e)	97616.72773	8 (Excel 19)
Actual Project Carbon Stored Long-term in Wood Products (tCO2e) - Excl Landfill	4,308	12 (Excel 23)
Actual Project Carbon Stored Long-term in Wood Products (tCO2e) - Incl Landfill	10,739	13 (Excel 24)
Baseline Carbon Stored Long-term in Wood Products (tCO2e) - Excl Landfill	10,095	14 (Excel 25)
Baseline Carbon Stored Long-term in Wood Products (tCO2e) - Incl Landfill	25,648	15 (Excel 26)

Table 7. Harvested Wood Carbon : Harvested Tree Carbon

This table uses the 100-year baseline data to calculate a ratio of carbon in trees harvested for wood products to carbon in harvested wood delivered to the mill.

Baseline Carbon in Trees Harvested for Wood Products (tCO$_2$e) (from Row 21 of the Monitoring Calculation Worksheet)	237861.17
Baseline Carbon in Harvested Wood Delivered to Mill (tCO$_2$e) (from Row 23 of the Monitoring Calculation Worksheet)	101223.74
Multiplier of Carbon in Wood Delivered to Mill to Carbon in Trees Harvested for Wood Products	**2.35**

Section 3. Conversion Assumptions

Table 8. Volume multipliers for converting timber and chip units to Cubic Feet

Unit	Factor
Bone Dry Tons	71.3
Bone Dry Units	82.5
Cords	79
Cubic Meters	35.3
Cunits-Chips (CCF)	100
Cunits-Roundwood	100
Cunits-Whole tree chip	126
Green tons	31.5
MBF-Doyle	222
MBF-International 1/4"	146
MBF-Scribner ("C" or "Small")	165
MBF-Scribner ("Large" or "Long")	145
MCF-Thousand Cubic Feet	1000
Oven Dried Tonnes	75.8

Source: American Forest & Paper Association, Sustainable Forestry Initiative Program Annual Progress Reporting Form

Table 9. Conversion Factors: to convert volume estimates to CO2-e

		Source
Cubic Feet / Hardwood Harvest Unit	75	Table 8.
Cubic Feet / Softwood Harvest Unit	75	Table 8.
SG of Softwoods by Region	0.371	Table 11.
SG of Hardwoods by Region	0.518	Table 11.
Tree Carbon:Wood Carbon	2.35	Table 7.
Cubic Feet to Cubic Meters	0.0283168466	-
Portion of Carbon in Biomass	0.5	-
Carbon to CO2-e	3.67	Reserve FPP

Table 10. 100-year average storage factors

Wood Product Class	In-Use	Landfills
Softwood Lumber	0.463	0.298
Hardwood Lumber	0.250	0.414
Softwood Plywood	0.484	0.287
Oriented Strandboard	0.582	0.233
Non Structural Panels	0.380	0.344
Miscellaneous Products	0.176	0.454
Paper	0.058	0.178

Source: Reserve Forest Project Protocol, Appendix C.3 & C.4

Table 11. Average regional factors: specific gravity (SG) and mill efficiencies (ME)

	Hardwoods			Softwoods		
Region	SG	Saw Log ME	Pulp ME	SG	Saw Log ME	Pulp ME
Northeast (NE)	0.518	0.614	0.650	0.371	0.569	0.513
Northern Lake States (NLS)	0.473	0.585	0.685	0.360	0.630	0.514
Northern Prairie States (NPS)	0.537	0.585	0.685	0.434	0.630	0.514
Pacific Northwest, East (PWE)	0.424	0.568	0.568	0.396	0.637	0.637
Pacific Northwest, West (PWW)	0.415	0.531	0.531	0.426	0.740	0.500
Pacific Southwest (PSW)	0.510	0.568	0.568	0.399	0.675	0.675
Rocky Mountain, North (RMN)	0.389	0.568	0.568	0.394	0.704	0.704
Rocky Mountain, South (RMS)	0.353	0.568	0.568	0.369	0.704	0.704
Southeast (SE)	0.508	0.609	0.591	0.462	0.636	0.553
South Central (SC)	0.529	0.587	0.581	0.463	0.629	0.570

Sources: USDA Forest Service, Forest Inventory and Analysis Program database of forest surveys (SG) and *Technical Guidelines for Voluntary Reporting of Greenhouse Gas Program* (ME). Average wood specific gravity is the density of wood divided by the density of water based on wood dry mass associated with green tree volume.