

## MAP STANDARDS

The following standards apply to all parcels.

1. The map must be drafted on an official Vermont Base orthophoto original or tracing from an orthophoto. If you use a tracing, the four Vermont Coordinate system coordinates nearest the parcel's boundaries must be indicated on the map. You may look at the orthophotos at your Town Clerk's office and make a tracing there, or hire a consultant to draft the maps.

**NOTE:** Maps of parcels larger than 1,000 acres or appearing on more than 4 orthophotos may be exempt from the 1:5000 map scale providing that the alternate scale used is not less than 1:20,000 and is consistent with available aerial photography scales and that excluded areas in parcels mapped at alternate scales are mapped at 1:5000 as an additional inset.

2. The map must include the following:

Owner's name	North arrow
Town in which the parcel is located	Scale
SPAN number	Locus map to indicate parcel's location
Name of drafts person	Date prepared/revised
Orthophoto number	four coordinate points labeled

3. The map must show the boundaries of the entire parcel, the boundaries of the portion of the parcel to be included in the program, and the boundaries of the portion of the parcel to be excluded from the program. These areas must be clearly labeled so the acreage of each area can be listed in the map chart.
4. The map must delineate and label the active agricultural land, open/idle agricultural land and the forest type and acreage of each forest stand to be enrolled and designated as productive, nonproductive (both < and > 20%), ecologically significant treatment areas, conservation, significant wildlife habitat, special places/sensitive sites and miscellaneous/< 1 acre.
5. A chart must be included on the map or attached to the map to show the acreage for all categories of land to be enrolled. If the parcel is in two or more towns, please include a map chart matching the grand list in each town. If the acreage calculated off the orthophoto does not match the acreage in the town records, the acreage must be prorated to match town records. A County Forester signature block must be included for those parcels with categories that require County Forester approval. An example of an acreage chart is provided.

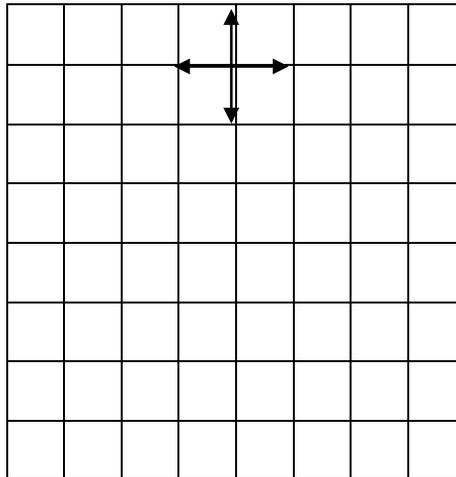
**NOTE:** Remote forestland will be appraised at 75 percent of the forestland use value if it is located greater than one mile from a class 1, 2 or 3 road. The total acreage must appear in the chart as a separate category of "Forestland greater than one mile from a class 1, 2 or 3 road". It must be calculated as located beyond one mile as measured in a straight line distance, regardless of ownership, from the nearest class 1, 2 or 3 road. The area must also be delineated on the required map.

## VERMONT BASE MAP ORTHOPHOTO SHEET NUMBER EXPLANATION

The map sheets have been assigned identifying numbers corresponding to their location on the "Vermont Coordinate System". The sheet numbers are assigned using the coordinate values of the southwest (lower left) corner of each map sheet. These values are expressed in 4000 meter increments of "EASTING" and "NORTHING" on the coordinate system. For purposes of sheet numbering, the final three zeros and the comma have been omitted.

### EXAMPLE

The gridded area shown has a meter value of the southwest corner of E148,000m and N056,000m. Therefore the number of the sheet, using the Easting first and then the Northing is 148056. Each grid in the sheet below contains approximately 62 acres.



E 148,000m

N 056,000m

Sheet # 148056

The GRID lines are spaced 500 meters apart or 4000 meters across the sheet. To determine the coordinate values of any intersection, add 500 meters going up and going right for each block.

EXAMPLE: N 059,500 meters and E 150,000 meters as indicated by the cross.

(SAMPLE)

USE VALUE  
CHART OF ACREAGE ADJUSTMENTS

Landowner: John E. Sample

Town: Worcester, Vermont

Orthophoto #: 144204 SPAN: 788-251-99999

- |   |       |
|---|-------|
| 1. Total Grand List acres in parcel                       | 179   |
| 2. Actual acres to be excluded as measured on orthophoto  | 2     |
| 3. Acres to be enrolled (line 1 minus line 2)             | 177   |
| 4. Acres to be enrolled according to map calculations     | 172   |
| 5. Factor to prorate (adjust) acres (line 3 divided by 4) | 1.029 |

Area	Type (crop/pasture)	Map Acres (measured)	x	Factor	=	Prorated Acres	
						<1 Mi	>1 Mi
Active Ag	Hay	39.6		1.029		40.8	_____
Open/Idle Ag	Open	10.0		1.029		10.3	_____
	Subtotal =	49.6			Subtotal =	51.1	_____

Productive Forest Land

(forest type)

Stand 1	Hem/W.Pine	19.0		1.029		19.6	_____
Stand 2	S.Maple/Beech	26.4		1.029		27.2	_____
Stand 3	W.Pine	32.6		1.029		33.5	_____
	Subtotal =	78.0			Subtotal =	80.3	_____

Non-productive Land/Site IV – 20% Rule

(wetland/ledge/non-recreational pond <20 acres)

Stand 1	Wetland	1.6		1.029		1.6	_____
Stand 3	Ledge	2.8		1.029		2.9	_____
	Subtotal =	4.4			Subtotal =	4.5	_____

Conservation

Stand _____	_____	_____		_____		_____	_____
Stand _____	_____	_____		_____		_____	_____
	Subtotal =	_____			Subtotal =	_____	_____

COUNTY FORESTER APPROVAL FOR THE FOLLOWING CATEGORIES IS REQUIRED TO DETERMINE ELIGIBILITY.

Non-productive Land/Site IV - Greater than 20% Rule  
(wetland/ledge/non-recreational pond <20 acres)

Stand	_____	_____	_____	_____	_____
Stand	_____	_____	_____	_____	_____
		Subtotal =	_____	Subtotal =	_____

Ecologically Significant Treatment Areas (ESTA)

Stand 2	Vernal Pool	1.0	1.029	1.0	_____
		Subtotal =	1.0	Subtotal =	1.0

Significant Wildlife Habitat

Stand 4	Deer Yard	38.0	1.029	39.1	_____
		Subtotal =	38.0	Subtotal =	39.1

Special Places/Sensitive Sites

	Bat Cave/Native				
Stand 5	Am Burial Site	1.0	1.029	1.0	_____
		Subtotal =	1.0	Subtotal =	1.0

Miscellaneous/< 1 acre

Stand	_____	_____	_____	_____	_____
Stand	_____	_____	_____	_____	_____
		Subtotal =	_____	Subtotal =	_____

Map Total =	172	Grand Total =	177	_____
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Enrolled Land (adjusted)	(sum of prorated acres)	177
Excluded Land (actual)	(line 2)	2
Total Grand List Acres	(line 1)	179

APPROVED:

_____	COUNTY FORESTER	_____
Signature		Date

# SAMPLE

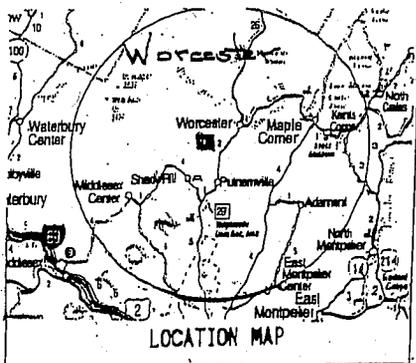
USE VALUE PROGRAM  
Property of

E494 500  
N207 500

JOHN E. SAMPLE

E495 000  
N207 500

Worcester, Vermont  
SPAN 788-251-99999  
Orthophoto Base: Sheet # 144204  
Series 5000, 2006



Scale 1:5000

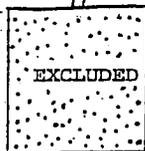
Drawn 7/21/09 by: Name of Draftsperson  
M. & A. Tanner

To Quaker Street  
1/2 Mile

Elder Road

B. Smith

Old Country Road



EXCLUDED

E494 500  
N207 000

A

E495 000  
N207 000



Bat Cave

N/P

N/P

1

3

SAMPLE

Idle Agricultural

Native American  
Burial Site

2



VP

Significant  
Wildlife  
Habitat

4

E494 500  
N206 500

E495 000  
N206 500

S. Jones

P. Hopkins

- Excluded land
- Type Boundary
- N/P - Non Productive Forest land
- Brook and Pond
- Woods Road
- Stone Wall
- Barbed Wire