

TABLE I VEGETATIVE TREATMENT POTENTIAL FOR ERODING TIDAL SHORELINES IN THE MID-ATLANTIC STATES

DIRECTION FOR USE

1. Evaluate each of the first four shoreline variables and match the site characteristics of the variable to the appropriate descriptive category.
2. Place the Vegetative Treatment Potential (VTP) assigned for each of the four variables in the right hand column.
3. Obtain the Cumulative Vegetative Treatment Potential for variables 1, 2, 3 & 4 by adding the VTP for each.
4. If it is 23 or more, the potential for the site to be stabilized with vegetation is very good and the rest of the table need not be used. If it is below 23, go to step 5.
5. Determine the VTP for shoreline variables 5 through 9 and obtain the cumulative VTP for variables 1-9.
6. Compare the cumulative VTP score with the Vegetative Treatment Potential Scale at the bottom of this page.

SHORELINE VARIABLES	DIRECTION FOR USE					VTP
	The Vegetative Treatment Potential (VTP) Is Located in Upper Left Hand of Each Category Box					
1. Fetch: Average distance in miles of open water measured perpendicular to the shore and 45° either side of perpendicular to shore.	8 Less than 0.5 miles	7 0.5 thru 1.4 miles	4 1.5 thru 3.4 miles	2 3.5 thru 4.9 miles	0 over 5 miles see footnote 1/	
2. General shape of shoreline for distance of 200 yards on each side of planting site.	8 Coves		3 Irregular shoreline		0 Headland or straight shoreline	
3. Shoreline orientation: General geographic direction the shoreline faces.	5 Any orientation less than one-half mile fetch	3 West to North	2 South to West	1 South to East	0 North to East	
4. Boat traffic: Proximity of site to recreational & commercial boat traffic	5 None	3 1-10 per week within 1/2 mi. of shore	2 More than 10 per week within 1/2 mi. of shore	1 1-10 per week within 100 yds. of shore	0 More than 10 per week within 100 yds. of shore	

Cumulative Vegetative Treatment Potential for Variables 1, 2, 3 & 4 _____

If this score is 23 or above, the potential for the site is very good and the rest of the table need not be used. If it is below 23, go to step 5 below.

5. Width of Beach Above Mean High Tide in Feet	3 Greater than 10'	2 10' thru 7'	1 6' thru 3'	0 Less than 3'	
6. Potential width of ^{2/} Planting Area in Feet	3 More than 20'	2 20' thru 15'	1 14' thru 10'	0 Less than 10' Do Not Plant	
7. On Shore Gradient: % slope from MLW to toe of bank	6 Below 8%	3 8 thru 14%	1 15 thru 20%	0 over 20%	
8. Beach Vegetation	3 Vegetation below toe of slope		0 No vegetation below toe of slope		
9. Depth of sand at ^{3/} Mean High Tide in inches	3 More than 10"	2 10" thru 3"		0 Less than 3"	

Cumulative Vegetative Treatment Potential for Variables 1-9 _____

1/ Do not plant or see page 9 and figure 9 for possible exception.

2/ If tidal fluctuation is 2.5 feet or less, measure from MLW to toe of bank. If tidal fluctuation is over 2.5 feet, measure from MW to toe of bank. See page 7 for more information.

3/ Refers to depth of sand deposited by littoral drift over the substrata.

VEGETATIVE TREATMENT POTENTIAL SCALE

If the VTP is:	Potential of Site to be Stabilized with Vegetation
Between And	
40 33	Good
32 24	Fair
23 16	Poor
below 16	Do Not Plant