

# RUSK COUNTY BUFFER RESTORATION PLAN—SITE DIAGRAM

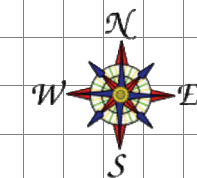
Use the calculations on the back of this form and the legend on the right to complete the plan.

The restoration of a shoreland buffer involves planting native vegetation at suitable densities and restricting mowing, trimming and raking from the ordinary high water mark to a point that is at least 35' inland. It must contain three distinct layers. Natural Recovery (no-mow) is allowed in areas with wet shoreline margins. A 35' view corridor is allowed per 100' of frontage. Contact Rusk County Land Conservation and Development for more information 715-532-2156

- WHAT TO INCLUDE IN YOUR PLAN –**  
Draw plan to scale or show all dimensions:
- ◊ Property Lines
  - ◊ Existing and proposed structures (residences, stairs, decks, walkways, etc.)
  - ◊ Slope Direction and percentage
  - ◊ Location of Ordinary High Water Mark
  - ◊ Existing Buffer Boundary
  - ◊ Proposed Buffer Boundary
  - ◊ Location of viewing/access corridor
  - ◊ Existing shrubs and trees
  - ◊ Proposed shrubs and trees
  - ◊ Areas where ground cover will be planted
  - ◊ Erosion control practices to be installed during buffer establishment
  - ◊ Practices to eliminate channelized flow in the buffer
  - ◊ Source of water for watering plants
  - ◊ PHOTOGRAPHS OF EXSITING BUFFER MUST BE SUBMITTED WITH APPLICATION

**SHORELAND REVEGETATION PLAN LEGEND:**

- Property Line
- - - Ordinary High Water Mark
- ▨ Viewing Corridor
- ↔ Buffer Boundary
- XXXXXX No-Touch Boundary
- Drainage
- ☼ Existing Trees
- ⊙ Existing Shrubs
- ▨ Existing Ground Cover
- ☼ New Trees (Number corresponds to plant list number)
- ⊙ New Shrubs (Number corresponds to plant list number)
- ▨ New Ground Cover (Number corresponds to plant list number)



SCALE: \_\_\_\_ inch = \_\_\_\_ feet

Project Location (Include fire #, Road Name and Legal Description)

\_\_\_\_\_

Landscaper \_\_\_\_\_ Phone Number \_\_\_\_\_

Owner \_\_\_\_\_ Phone Number \_\_\_\_\_ Parcel ID # \_\_\_\_\_ Date \_\_\_\_\_

## Vegetation Specifications

List the plants selected for the project and the number to be planted.

Include all Trees, Shrubs and Ground Cover. Indicate No Mow Areas in Ground Cover.

MULCH SHALL BE PLACED IN BETWEEN PLANTS FOR WEED CONTROL AND WATER PROTECTION

TREES (at least 1 per 100 sq ft)	
Tree Name	Number of Trees
1. _____	
2. _____	
3. _____	
4. _____	
5. _____	
6. _____	
7. _____	
8. _____	
9. _____	
10. _____	

SHRUBS (at least 2 per 100 sq ft)	
Shrub Name	Number of Shrubs
11. _____	
12. _____	
13. _____	
14. _____	
15. _____	
16. _____	
17. _____	
18. _____	
19. _____	
20. _____	

EROSION CONTROL PRACTICES	
Draw on Site Plan	
<input type="checkbox"/>	Silt Fence
<input type="checkbox"/>	Mulch
<input type="checkbox"/>	Erosion Blanket
<input type="checkbox"/>	Hay Bales
<input type="checkbox"/>	Runoff Diversions
<input type="checkbox"/>	Shoreland Erosion Protection (Biologs, Riprap, etc.)
<input type="checkbox"/>	Other
_____	

GROUND COVER (~50 plants per 100 sq ft)	
Plant Name	Number of Plants
21. _____	
22. _____	
23. _____	
24. _____	
25. _____	
26. _____	
27. _____	
28. _____	
29. _____	
30. _____	

### Worksheets for Calculating Plant and Seed Needs

Worksheet 1 can be used to calculate the square footage of area to be restored for each vegetative layer. Worksheet 2 can be used to calculate the amount of trees, shrubs, plants and seeds needed.

Worksheet 1: Area Calculations						
	Total Area of Shoreland Habitat (Square Feet)		Total Area of Viewing/ Access Corridor		Total Area of Existing Layer to Preserve and/or Natural Recovery Zones	Total Area to be Planted
Tree Layer		-		-	=	
Shrub Layers		-		-	=	
Herbaceous Layer - Plants		-		-	=	
Herbaceous Layer - Seeds		-		-	=	
<i>SAMPLE<sup>5</sup> Herbaceous Layer-Plants</i>	<i>6,000</i>	-	<i>1,500</i>	-	<i>1,000</i>	<i>3,500</i>

Worksheet 2: Seed or Plant Densities						
	Total Area to be Planted (Square Feet)		Density Factor <sup>6</sup>		Seed or Plant Densities from Table 1.	Total Plants or Seeds to Install
Tree Layer		+	100	×	=	
Shrub Layer		+	100	×	=	
Herbaceous Layer						
Plants		+	100	×	=	
Grass Seeds		+	1000	×	=	
Forbs Seeds		+	1000	×	=	
<i>SAMPLE<sup>7</sup> Herbaceous Layer-Plants</i>	<i>3,500</i>	+	<i>100</i>	×	<i>70</i>	<i>2450</i>

<sup>5</sup> This sample is 60x100 foot restoration (6,000 sq. ft.), with a 25x60 view corridor (1,500 sq. ft), and 1,000 sq. ft. of natural recovery.

<sup>6</sup> See Table 1, column 3, on page 4. Trees, shrubs and plant densities are given in number of plants/100 sq. ft., and seeding densities are given in number of ounces/1000 sq. ft.

<sup>7</sup> Sample site is 3,500 sq. ft., to be planted at 70 plant plugs per 100 sq. ft., for a total of 2450 plants needed.