

Appendix 4



Streamside Forest Buffer Checklist for Success



SITE SELECTION

- Site is suitable for restoration.
- Landowner permission is granted.

SITE ANALYSIS

- Evaluated site's physical conditions (soil attributes, geology, terrain).
- Evaluated site's vegetative features (desirable and undesirable species, native species, sensitive habitats).
- Sketch or map of site obtained.

BUFFER DESIGN

- Considered landowner objectives in creating buffer design (see pages 10-11 for sample questions).
- Determined desired functions of buffer in determining buffer width.
- Species selection matches site conditions (hardiness zone, moisture, soil pH).
- Species selection meets objectives of buffer functions (water quality, wildlife, recreation, etc.)
- Plant sizes meet budget limitations.
- Sketch of planting plan developed.

SITE PREPARATION

- Undesirable species are eliminated well ahead of planting date (may require combination of physical and herbicidal techniques).
- Planting layout is marked for volunteers at the site.
- Plants and planting materials (mulch, tree shelters) are purchased well in advance.

SITE PLAN INCLUDES THE FOLLOWING INFORMATION:

- Map of the site with appropriately marked planting zones
- Plant species list
- Planting directions (spacing, pattern of planting)
- Equipment/tool list
- Site preparation directions
- Maintenance schedule

PLANTING DAY

- Plants are kept moist and shaded.
- Adequate number of tools are on hand.
- Press has been notified.
- Volunteers are adequately trained and have signed waiver forms.
- Refreshments are on hand.
- Photos are taken of site planting.

SITE MAINTENANCE

- Responsibilities are assigned for watering, weeding, mowing, and maintenance of tree shelters or mats.
- Site is monitored regularly for growth and potential problems.