

EXHIBIT "A"

STREAMSIDE ARCHITECTURAL GUIDELINES RIPARIAN EASEMENT AREA PHILOSOPHY

Trees, shrubs, grasses and forbs all play an important role in building and maintaining productive streams. As riparian or riverside vegetation, they provide a healthy stream environment, which ultimately benefits people, fish and habitat.

Due to their height and massive root systems, trees provide shade and stream bank stability. Shrubs provide bank cover, localized shade and erosion protection through intertwining root systems. Grasses and forbs form dense vegetation mats, reducing surface runoff and filtering pollutants from nearby urbanized areas.

Sunshine accounts for approximately 95% of all heat input into streams during the midday periods of summer. Certain types of vegetation are needed to control water temperatures. Bank vegetation shades the stream, thereby reducing water temperatures. Grasses and forbs provide overhanging shade but are relatively ineffective in intercepting sunrays. On drain, side channels and other fish and wildlife habitat waterways, trees and shrubs must border the stream to provide effective shading.

Streamside vegetation provides habitat for terrestrial insects. Emergent vegetation such as sedges, rushes and cattails provide important habitat for aquatic insects. Both insect types are important to providing food for fish and other wildlife. Furthermore, leaf litter can provide up to 50% of a stream's nutrient energy supply. This stream detritus is a principle food source for aquatic insects. Leaf fall and other organic matter, are therefore very important in the overall production of the aquatic environment.

Overhanging vegetation provides shelter for both adult and juvenile fish. This cover not only provides a sense of security for the fish, but is also a source of terrestrial insect fall. Without this important aspect of streamside vegetation, trout numbers would be minimal.

Riparian vegetation is also very important for numerous birds, small mammals, reptiles and amphibians. Shrubs and trees are important food sources while also providing essential nesting and den sites. Grasses and forbs provide food, nesting materials and cover for adults and young. Riparian areas provide for diversity in vegetation, without which many wildlife species would vanish.

EXHIBIT "B"

STREAMSIDE ARCHITECTURAL GUIDELINES PLANT LIST FOR THE RIPARIAN EASEMENT AREAS

TREES

Alder
Ash, Green
Amelanchier Oak
Birch, River
Cottonwood, Black
Cottonwood, Fremont
Crabapple
Hawthorne
Honey Locust
Maple, Box Elder
Maple, Silver
Mountain Ash

Mulberry
Pine, Aspen
Pine, Ponderosa
Pine, Lodgepole
Pine, Austrian
Russian Olive
Spruce, Blackhill
Spruce, Colorado
Spruce, Engleman
Sumac
Willow, Pacific

SHRUBS/SMALL TREES

Barberry
Buckthorn
Buffaloberry, Russett
Buffaloberry, Silver
Ceanothus, Redstem
Chokecherry, Black
Cinquefoil, Bush
Cistena
Current, Alpine
Current, Golden
Dogwood, Redosier
Elder, Blueberry, Redberry
Honeysuckle, Utah, Hall's

Maple, Rocky Mountain
Ninebark, Mallow
Oregon Grape Repens
Pachistima, Myrtle
Raspberry
Rose, Woods
Serviceberry
Snowberry, Mountain
Snowberry, Western
Syringa, Mockorange
Virginia Creeper
Willow, Purplesoier
Willow, Scouler

FORBS - HERBACEOUS PLANTS

Alfalfa, Creeping type
Anise, Sweet
Aster
Baby Blue Eyes
Birds Eyes
Black-Eyed Susan
Buttercup
Columbine
Cornflower, Purple
Coreopsis, Lanceleaf
Cowparsnip, Common
Daisy, Oxeye
Dock, Sorrel
Fivespot
Flax, Scarlet
Geranium, Wild
Gilia, Blue
Gooseberry
Helianthella, Oneflower
Lifustica, Porter

Lion's Beard
Lupine, Mountain
Marigold
Medick, Black
Milkvetch, Chickpea
Nasturium
Penstemon, "Banderall"
Rocky Mountain
Poppy, Iceland
Primrose, Hooker Evening
Sweetpea, Perennial
Showy Golden Eye
Tidy Tips
Valerian, Edible
Wallflower
Watercress
Weatherglass
Wild Strawberry
Yarrow

GRASSES

Barley, Meadow
Brome
Bulrush
Canadian Bluegrass
Canary, Reed
Fescue, Creeping Red
Foxtail, Meadow
Hairgrass, Tufted

Redtop
Reedgrass
Squirreltail, Bottlebrush
Wheatgrass, Bluestem, slender or tall
Wildrye, Creeping or Great Basin

GRASS-LIKE PLANTS

Bulrush