Table 1 – INDU Pinhook Bog Plant Species List

Scientific Name	Common Name	Growth Form	Approved for Seeding in Borrow Area	Approved for Seeding in Excavation Areas
Asclepias syriaca	Common Milkweed	Forb	Yes	Yes
Asclepias tuberosa	Butterfly Milkweed	Forb	Yes	No
Blephilia hirsuta	Hairy Wood Mint	Forb	Yes	Yes
Carex sparganioides	Burreed sedge	Sedge	Yes	Yes
Elymus hystrix	Bottlebrush Grass	Grass	Yes	Yes
Elymus virginicus	Virginia wildrye	Grass	Yes	Yes
Euphorbia corollata	Flowering Spurge	Forb	Yes	No
Eutrochium purpureum	Sweet Joe-Pye Weed	Forb	Yes	Yes
Gaylussacia baccata	Common huckleberry	Shrub	No	Yes
Lespedeza hirta	hairy bush clover	Forb	Yes	No
Lonicera dioica	Limber honeysuckle	Vine/shrub	Yes	Yes
Phlox divaricata	Wild blue phlox	Forb	Yes	Yes
Rosa blanda	Smooth rose	Forb	Yes	No
Solidago caesia	Blue-stemmed Goldenrod	Forb	Yes	Yes

Scientific Name	Common Name	Growth Form	Approved for Seeding in Borrow Area	Approved for Seeding in Excavation Areas
Solidago flexicaulis	Zig-Zag Goldenrod	Forb	Yes	Yes
Solidago juncea	Early Goldenrod	Forb	Yes	No
Solidago nemoralis	Old Field Goldenrod	Forb	Yes	No
Symphyotrichum cordifolium	Heart-Leaved Blue Wood Aster	Forb	Yes	Yes
Symphyotrichum lateriflorum	Side-Flowering Aster	Forb	Yes	Yes
Vaccinium angustifolium	lowbush blueberry	Shrub	No	Yes
Vaccinium pallidum	early lowbush blueberry	Shrub	No	Yes
Verbena urticifolia	white vervain	Forb	Yes	Yes
Euthamia graminifolia (Solidago graminifolia)	Grass-leaved goldenrod	Forb	Yes	No
Agrimonia parviflora	Swamp agrimony	Forb	Yes	Yes
Schizachyrium scoparium	Little Bluestem	Grass	Yes	No
Cornus racemosa	Gray Dogwood	Shrub	No	Yes
Lindera benzoin	Spice Bush	Shrub	No	Yes

Table 2 – INDU Pinhook Bog Tree Species List

Scientific Name	Common Name	Growth Form	Approved for Seeding in Borrow Area	Approved for Seeding in Excavation Areas
Fagus grandifolia	American Beech	Tree	No	Yes
Prunus serotina	Black Cherry	Tree	No	Yes
Juglans nigra	Black Walnut	Tree	No	Yes
Populus deltoides	Cottonwood	Tree	No	Yes
Quercus rubra	Red Oak	Tree	No	Yes
Acer saccharum	Sugar Maple	Tree	No	Yes
Liriodendron tulipifera	Tuliptree	Tree	No	Yes
Quercus alba	White oak	Tree	No	Yes

PERFORMANCE STANDARDS / ACCEPTANCE - (Higher density of Shrubs)

Plant quantities for a 1.0 acre forested riparian area: 1.0 acre x 43,560 ft2/acre = 43,560 ft2 with trees, shrubs, and herbaceous plants:

Trees: 10 ft o.c. (average spacing) 43,560 ÷ 100 ft2 = **436 trees**
Shrubs: 5 ft o.c. (average spacing) 43,560 ÷ 25 ft2 = 1742 shrubs – 436 (trees) = 1**306 shrubs**
Herbaceous/groundcovers: 2 ft o.c. (average spacing) 43,560 ÷ 4 ft2 = 10,890 – 436 (trees) – 1306 (shrubs) = **9,148 herbaceous/groundcovers**