

RIPARIAN AREA VEGETATION SCHEDULE																	
PLANTING SCHEDULE					PLANTING QUANTITIES (BASED ON ONE-GALLON SIZE)*												
CONTAINER PLANTING ZONE	SPECIES GROUP ^{1,2}	SPECIES ³	INDICATOR STATUS	PLANT SPACING ³	CONTAINER SIZE, RATE, AND QUANTITY ⁴		AREA (SF): AREA (AC): LENGTH (LF):	I	J	S	T	V	W				
					PLANTS PER ACRE	# OF PLANTS		619 0.014	759 0.017	226 0.005	83 0.002	703 0.016	1,248 0.029	-	-	-	
RIPARIAN FOREST	TREE LAYER	QUERCUS ALBA (WHITE OAK)	FACU-	SEE NOTE #3	300 ONE-GALLON	20 (BASED ON ONE-GALLON)		4	5	2	-	-	9	-	-	-	
		QUERCUS BICOLOR (SWAMP WHITE OAK)	FACW+														
		QUERCUS PALUSTRIS (PIN OAK)	FACW														
		QUERCUS PHellos (WILLOW OAK)	FAC+														
		QUERCUS RUBRA (NORTHERN RED OAK)	FACU-														
	TREE LAYER	ACER NEGUNDO (BOX ELDER)	FAC+	SEE NOTE #3		150 ONE-GALLON	10 (BASED ON ONE-GALLON)		2	3	1	-	-	4	-	-	-
		ACER RUBRUM (RED MAPLE)	FAC														
		BETULA NIGRA (RIVER BIRCH)	FACW														
		LIQUIDAMBAR STRYACFULA (SWEET GUM)	FAC														
		NYSSA SYLVATICA (BLACK GUM)	FACW+														
	SHRUB LAYER	PLATANUS OCCIDENTALIS (AMERICAN SYCAMORE)	FACW-														
		ILEX OPACA (AMERICAN HOLLY)	FACU+	SEE NOTE #3		100 ONE-GALLON	7 (BASED ON ONE-GALLON)		1	2	1	-	-	3	-	-	-
		AMELANCHIER CANADENSIS (CANADIAN SERVICEBERRY)	FAC	SEE NOTE #3		150 ONE-GALLON	10 (BASED ON ONE-GALLON)		2	3	1	-	-	4	-	-	-
		CERCIS CANADENSIS (EASTERN REDBUD)	FACU-														
		CORNUS FLORIDA (FLOWERING DOGWOOD)	FACU-														
RIPARIAN FOREST QUANTITY SUBTOTALS					700	47		9	13	5	-	-	20	-	-	-	
STREAM BANK	TREE AND SHRUB LAYER	CORNUS AMOMIUM (SLIKY DOGWOOD)	FACW	SEE NOTE #3 (AVERAGES 3' O.C. FOR ONE-GALLON)	N/A	66 (BASED ON ONE-GALLON)		-	-	-	-	6	60	-	-	-	
		ILEX VERTICILLATA (COMMON WINTERBERRY)	FACW+														
		SAMBUCUS CANADENSIS (ELDERBERRY)	FACW-														
		VBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC														
STREAM BANK QUANTITY SUBTOTALS					---	66		-	-	-	-	6	60	-	-	-	
STREAM EDGE	TREE AND SHRUB LAYER	ALNUS SERRULATA (BROOKSIDE ALDER)	OBL	1' O.C. (SEE NOTES #5, #6)	N/A	197 (TUBELINGS OR LIVESTAKES ONLY - SEE NOTE #5)		-	-	-	18	179	-	-	-	-	
		CORNUS AMOMIUM (SLIKY DOGWOOD)	FACW														
		SALIX NIGRA (BLACK WILLOW)	FACW+														
		VBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC														
STREAM EDGE QUANTITY SUBTOTALS					---	197		-	-	-	18	179	-	-	-	-	

SEEDING SCHEDULE																
SEEDING SCHEDULE					SEEDING QUANTITIES											
SEED PLANTING ZONE	SPECIES GROUP ^{1,2}	SPECIES ³	INDICATOR STATUS	SEEDING RATE ⁴ (LBS/AC)	AREA PER PLANT (AC)	QUANTITY (LBS)	AREA (SF): AREA (AC):	I	J	S	T	V	W			
								619 0.014	759 0.017	226 0.005	83 0.002	703 0.016	1,248 0.029	-	-	-
RIPARIAN BUFFER SEED MIX	7	LOLIUM MULTIFLORUM (ANNUAL RYEGRASS)	NI	45.00	0.08	3.75		0.63	0.77	0.23	0.09	0.72	1.31	0.00	0.00	0.00
		SETARIA ITALICA (FOX TAIL MILLET)	UPL	45.00	0.08	3.75		0.63	0.77	0.23	0.09	0.72	1.31	0.00	0.00	0.00
		(OR ECHINOCHLOA CRUSGALLI VAR. FRUMENTACEA)														
	8	CAREX SCOPARIA (BLUNT BROOM SEDGE)	FACW	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		CAREX SQUARROSA (SQUARROSE SEDGE)	NI	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		CAREX VULPINOIDEA (FOX SEDGE)	OBL	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		CYPERUS ESCULENTUS (CHUFA)	FACW	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		JUNCUS EFFUSUS (SOFT RUSH)	FACW+	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
	9	JUNCUS TENUS (PATH RUSH)	FAC-	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		ELYMUS RIPARIUS (RIVERBANK WILD RYE)	FACW	10.00	0.08	0.83		0.14	0.17	0.05	0.02	0.16	0.29	0.00	0.00	0.00
		ELYMUS VIRGINICUS (VIRGINIA WILD RYE)	FACW-	10.00	0.08	0.83		0.14	0.17	0.05	0.02	0.16	0.29	0.00	0.00	0.00
		PANCIUM CLANDESTINUM (DEER TONGUE GRASS)	FAC+	10.00	0.08	0.83		0.14	0.17	0.05	0.02	0.16	0.29	0.00	0.00	0.00
		PANCIUM DICHOTOMIFLORUM (SMOOTH PANIC GRASS)	FACW-	10.00	0.08	0.83		0.14	0.17	0.05	0.02	0.16	0.29	0.00	0.00	0.00
	10	ANEMONE VIRGINIANA (THIMBLEWEED)	NI	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ASTER NOVAE-ANGLIAE (NEW ENGLAND ASTER)	FACW-	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ASTER PILOSUS (HEATH ASTER)	UPL	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ASTER PRENANTHOIDES (ZIG ZAG ASTER)	FAC	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		LLIUM SUPERBUM (TURKSCAP LILY)	FACW+	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SOLIDAGO JUNCEA (EARLY GOLDENROD)	UPL	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		EUPATORIUM FISTULOSUS (JOE PYE WEEED)	FACW	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	11	EUPATORIUM PERFOLIATUM (BONESET)	FACW+	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		EUTHAMIA GRAMINIFOLIA (GRASS LEAVED GOLDENROD)	FAC	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SOLIDAGO CANADENSIS (CANADIAN GOLDENROD)	FACU	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		SOLIDAGO SPECIOSA (SHOWY GOLDENROD)	UPL	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		VERNONIA NOVEBORACENSIS (NEW YORK IRONWEED)	FACW+	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ZIZA AUREA (GOLDEN ALEXANDERS)	FAC	0.10	0.08	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		ASCLEPIAS SYRIACA (COMMON MILKWEED)	UPL	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
	12	BIDENS FRONDOSA (BEGGAR TICKS)	FACW	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		HELENIUM AUTUMNALE (COMMON SNEEZEWEED)	FACW+	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		HELIANTHUS ANGUSTIFOLIUS (NARROW-LEAF SUNFLOWER)	FACW	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		ONOCLEA SENSIBILIS (SENSITIVE FERN)	FACW	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		PENSTEMON DIGITALIS (PENSTEMON)	FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		VERBENA HASTATA (BLUE VERVAIN)	FACW+	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		VERBESINA ALTERNIFOLIA (WINGSTEM)	FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
	13	COREOPSIS LANCEOLATA (LANCE LEAVED COREOPSIS)	FACU	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		HELOPSIS HELIANTHOIDES (OXEYE SUNFLOWER)	UPL	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		POLYGONUM PENNSYLVANICUM (PA SMARTWEED)	FACW	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		RUDBECKIA HIRTA (BLACK EYED SUSAN)	FACU-	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		SENNA HEBCARPA (WILD SENNA)	FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
	14	AMELANCHIER CANADENSIS (CANADIAN SERVICEBERRY)	FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		ARONIA MELANOCARPA (BLACK CHOKEBERRY)	UPL	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		HAMAMELIS VIRGINIANA (WITCH HAZEL)	FAC-	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		ILEX VERTICILLATA (WINTERBERRY)	FACW+	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		LINDERA BENZON (NORTHERN SPICEBUSH)	FACW-	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		PHYSCARPUS OPULIFOLIUS (COMMON NINEBARK)	FACW-	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		VBURNUM DENTATUM (SOUTHERN ARROW WOOD)	FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
	15	VBURNUM PRUNIFOLIUM (BLACK-HAW)	FACU	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		ACER RUBRUM (RED MAPLE)	FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		CARPINUS CAROLINIANA (MUSCLEWOOD)	FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
		CERCIS CANADENSIS (EASTERN REDBUD)	FACU-	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00
CORNUS FLORIDA (FLOWERING DOGWOOD)		FACU-	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	
NYSSA SYLVATICA (BLACK GUM)		FAC	0.20	0.08	0.01		0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	
SEEDING TOTALS					137.90	1										