RIPARIAN AREA VEGETATION SCHEDULE

PLANTING SCHEDULE

PLANTING QUANTITIES (BASED ON ONE-GALLON SIZE)[4]

CONTAINER PLANTING ZONE		SPECIES GROUP[1,2]	SPECIES[2]	INDICATOR STATUS	PLANT SPACING[3]	CONTAINER SIZE, RATE, AND QUANTITY[4] PLANTS PER ACRE	# OF PLANTS	A	B	D	E	G	H	J	K	N	O	R	S	U	V	X	Y	BB	CC	DD	EE
			AREA (SF):					5,355	5,316	1,048	3,282	7,266	7,651	86	715	25,150	7,194	13,264	5,566	10,677	28,528	296	5,343	4,697	8,352	8,008	892
			AREA (AC):					0.123	0.122	0.024	0.075	0.167	0.176	0.002	0.016	0.577	0.165	0.304	0.128	0.245	0.655	0.007	0.123	0.108	0.192	0.184	0.020
			LENGTH (LF):					927	876	523	567	1,282	1,353	16	130	-	-	-	-	-	-	-	-	-	-	-	-
RIPARIAN FOREST	TREE LAYER	1	QUERCUS ALBA (WHITE OAK)	FACU-	SEE NOTE #3	300 ONE-GALLON -- or -- 600 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	662 (BASED ON ONE-GALLON)	-	-	-	-	-	-	-	-	173	50	91	38	74	197	2	37	-	-	-	-
			QUERCUS BICOLOR (SWAMP WHITE OAK)	FACW+																									
			QUERCUS PALUSTRIS (PIN OAK)	FACW																									
			QUERCUS PHELLOS (WILLOW OAK)	FAC+																									
			QUERCUS RUBRA (NORTHERN RED OAK)	FACU-																									
		2	ACER NEGUNDO (BOX ELDER)	FAC+	SEE NOTE #3	150 ONE-GALLON -- or -- 300 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	331 (BASED ON ONE-GALLON)	-	-	-	-	-	-	-	-	87	25	46	19	37	98	1	18	-	-	-	-
			ACER RUBRUM (RED MAPLE)	FAC																									
			BETULA NIGRA (RIVER BIRCH)	FACW																									
			LIQUIDAMBAR STYRACIFULA (SWEET GUM)	FAC																									
			NYSSA SYLVATICA (BLACK GUM)	FACW+																									
			PLATANUS OCCIDENTALIS (AMERICAN SYCAMORE)	FACW-																									
		3	ILEX OPACA (AMERICAN HOLLY)	FACU+	SEE NOTE #3	100 ONE-GALLON -- or -- 200 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	222 (BASED ON ONE-GALLON)	-	-	-	-	-	-	-	-	58	17	30	13	25	66	1	12	-	-	-	-
	SHRUB LAYER	4	AMELANCHIER CANADENSIS (CANADIAN SERVICEBERRY)	FAC	SEE NOTE #3	150 ONE-GALLON -- or -- 300 TUBELINGS -- or -- MIX AT 1:2 RATIO (SEE NOTE #4)	331 (BASED ON ONE-GALLON)	-	-	-	-	-	-	-	-	87	25	46	19	37	98	1	18	-	-	-	-
			CERCIS CANADENSIS (EASTERN REDBUD)	FACU-																									
			CORNUS FLORIDA (FLOWERING DOGWOOD)	FACU-																									
			CORYLUS AMERICANA (AMERICAN HAZELNUT)	FACU-																									
			LINDERA BENZOIN (NORTHERN SPICEBUSH)	FACW-																									
			VIBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC																									
			VIBURNUM PRUNIFOLIUM (BLACK-HAW)	FACU																									
RIPARIAN FOREST QUANTITY SUBTOTALS						**700**	**1,546**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**405**	**117**	**213**	**89**	**173**	**459**	**5**	**85**	**-**	**-**	**-**	**-**
STREAM BANK	TREE AND SHRUB LAYER	5	CORNUS AMOMUM (SILKY DOGWOOD)	FACW	SEE NOTE #3 (AVERAGES 3' O.C. FOR ONE-GALLON)	N/A	1,890 (BASED ON ONE-GALLON)	309	292	174	189	427	451	5	43	-	-	-	-	-	-	-	-	-	-	-	-
			ILEX VERTICILLATA (COMMON WINTERBERRY)	FACW+																									
			SAMBUCUS CANADENSIS (ELDERBERRY)	FACW-																									
			VIBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC																									
STREAM BANK QUANTITY SUBTOTALS						**---**	**1,890**	**309**	**292**	**174**	**189**	**427**	**451**	**5**	**43**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
STREAM EDGE	TREE AND SHRUB LAYER	6	ALNUS SERRULATA (BROOKSIDE ALDER)	OBL	1' O.C. (SEE NOTES #5, #6)	N/A	5,674 (TUBELINGS OR LIVESTAKES ONLY -- SEE NOTE #5)	927	876	523	567	1,282	1,353	16	130	-	-	-	-	-	-	-	-	-	-	-	-
			CORNUS AMOMUM (SILKY DOGWOOD)	FACW																									
			SALIX NIGRA (BLACK WILLOW)	FACW+																									
			VIBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC																									
STREAM EDGE QUANTITY SUBTOTALS						**---**	**5,674**	**927**	**876**	**523**	**567**	**1,282**	**1,353**	**16**	**130**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

SEEDING SCHEDULE

SEEDING QUANTITIES

SEED PLANTING ZONE	SPECIES GROUP[1,2]	SPECIES[2]	INDICATOR STATUS	SEEDING RATE[7] (LBS/AC)	AREA PER PLANT (AC)	QUANTITY (LBS)	A	B	D	E	G	H	J	K	N	O	R	S	U	V	X	Y	BB	CC	DD	EE
		AREA (SF):					5,355	5,316	1,048	3,282	7,266	7,651	86	715	25,150	7,194	13,264	5,566	10,677	28,528	296	5,343	4,697	8,352	8,008	892
		AREA (AC):					0.123	0.122	0.024	0.075	0.167	0.176	0.002	0.016	0.577	0.165	0.304	0.128	0.245	0.655	0.007	0.123	0.108	0.192	0.184	0.020
RIPARIAN BUFFER SEED MIX	7	LOLIUM MULTIFLORUM (ANNUAL RYEGRASS)	NI	45.00	3.41	153.63	5.54	5.49	1.08	3.38	7.52	7.92	0.09	0.72	25.97	7.43	13.68	5.76	11.03	29.48	0.32	5.54	4.86	8.64	8.28	0.90
		SETARIA ITALICA (FOXTAIL MILLET) (OR ECHINOCHLOA CRUSGALII VAR. FRUMENTACEA)	UPL	45.00	3.41	153.63	5.54	5.49	1.08	3.38	7.52	7.92	0.09	0.72	25.97	7.43	13.68	5.76	11.03	29.48	0.32	5.54	4.86	8.64	8.28	0.90
	8	CAREX SCOPARIA (BLUNT BROOM SEDGE)	FACW	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		CAREX SQUARROSA (SQUARROSE SEDGE)	NI	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		CAREX VULPINOIDEA (FOX SEDGE)	OBL	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		CYPERUS ESCULENTUS (CHUFA)	FACW	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		JUNCUS EFFUSUS (SOFT RUSH)	FACW+	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		JUNCUS TENUIS (PATH RUSH)	FAC-	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
	9	ELYMUS RIPARIUS (RIVERBANK WILD RYE)	FACW	10.00	3.41	34.13	1.23	1.22	0.24	0.75	1.67	1.76	0.02	0.16	5.77	1.65	3.04	1.28	2.45	6.55	0.07	1.23	1.08	1.92	1.84	0.20
		ELYMUS VIRGINICUS (VIRGINIA WILD RYE)	FACW-	10.00	3.41	34.13	1.23	1.22	0.24	0.75	1.67	1.76	0.02	0.16	5.77	1.65	3.04	1.28	2.45	6.55	0.07	1.23	1.08	1.92	1.84	0.20
		PANICUM CLANDESTINUM (DEER TONGUE GRASS)	FAC+	10.00	3.41	34.13	1.23	1.22	0.24	0.75	1.67	1.76	0.02	0.16	5.77	1.65	3.04	1.28	2.45	6.55	0.07	1.23	1.08	1.92	1.84	0.20
		PANICUM DICHOTOMIFLORUM (SMOOTH PANIC GRASS)	FACW-	10.00	3.41	34.13	1.23	1.22	0.24	0.75	1.67	1.76	0.02	0.16	5.77	1.65	3.04	1.28	2.45	6.55	0.07	1.23	1.08	1.92	1.84	0.20
	10	ANEMONE VIRGINIANA (THIMBLEWEED)	NI	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		ASTER NOVAE-ANGLIAE (NEW ENGLAND ASTER)	FACW-	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		ASTER PILOSUS (HEATH ASTER)	UPL	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		ASTER PRENANTHOIDES (ZIG ZAG ASTER)	FAC	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		LILIUM SUPERBUM (TURKSCAP LILY)	FACW+	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		SOLIDAGO JUNCEA (EARLY GOLDENROD)	UPL	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
	11	EUPATORIUM FISTULOSUS (JOE PYE WEED)	FACW	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		EUPATORIUM PERFOLIATUM (BONESET)	FACW+	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		EUTHAMIA GRAMINIFOLIA (GRASS LEAVED GOLDENROD)	FAC	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		SOLIDAGO CANADENSIS (CANADIAN GOLDENROD)	FACU	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		SOLIDAGO SPECIOSA (SHOWY GOLDENROD)	UPL	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		VERNONIA NOVEBORACENSIS (NEW YORK IRONWEED)	FACW+	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
		ZIZIA AUREA (GOLDEN ALEXANDERS)	FAC	0.10	3.41	0.34	0.01	0.01	0.00	0.01	0.02	0.02	0.00	0.00	0.06	0.02	0.03	0.01	0.02	0.07	0.00	0.01	0.01	0.02	0.02	0.00
	12	ASCLEPIAS SYRIACA (COMMON MILKWEED)	UPL	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		BIDENS FRONDOSA (BEGGAR TICKS)	FACW	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		HELENIUM AUTUMNALE (COMMON SNEEZEWEED)	FACW+	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		HELIANTHUS ANGUSTIFOLIUS (NARROW-LEAF SUNFLOWER)	FACW	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		ONOCLEA SENSIBILIS (SENSITIVE FERN)	FACW	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		PENSTEMON DIGITALIS (PENSTEMON)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		VERBENA HASTATA (BLUE VERVAIN)	FACW+	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		VERBESINA ALTERNIFOLIA (WINGSTEM)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
	13	COREOPSIS LANCEOLATA (LANCE LEAVED COREOPSIS)	FACU	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		HELIOPSIS HELIANTHOIDES (OXEYE SUNFLOWER)	UPL	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		POLYGONUM PENSYLVANICUM (PA SMARTWEED)	FACW	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		RUDBECKIA HIRTA (BLACK EYED SUSAN)	FACU-	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		SENNA HEBECARPA (WILD SENNA)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
	14	AMELANCHIER CANADENSIS (CANADIAN SERVICEBERRY)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		ARONIA MELANOCARPA (BLACK CHOKEBERRY)	UPL	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		HAMAMELIS VIRGINIANA (WITCH HAZEL)	FAC-	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		ILEX VERTICILLATA (WINTERBERRY)	FACW+	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		LINDERA BENZOIN (NORTHERN SPICEBUSH)	FACW-	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		PHYSOCARPUS OPULIFOLIUS (COMMON NINEBARK)	FACW-	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		VIBURNUM DENTATUM (SOUTHERN ARROW WOOD)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		VIBURNUM PRUNIFOLIUM (BLACK-HAW)	FACU	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
	15	ACER RUBRUM (RED MAPLE)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		CARPINUS CAROLINIANA (MUSCLEWOOD)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		CERCIS CANADENSIS (EASTERN REDBUD)	FACU-	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		CORNUS FLORIDA (FLOWERING DOGWOOD)	FACU-	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		NYSSA SYLVATICA (BLACK GUM)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
		PLATANUS OCCIDENTALIS (AMERICAN SYCAMORE)	FAC	0.20	3.41	0.67	0.02	0.02	0.00	0.02	0.03	0.04	0.00	0.00	0.12	0.03	0.06	0.03	0.05	0.13	0.00	0.02	0.02	0.04	0.04	0.00
SEEDING TOTALS				**137.90**		**470.31**	**16.79**	**16.65**	**3.12**	**10.55**	**22.97**	**24.46**	**0.26**	**2.08**	**79.76**	**22.71**	**41.89**	**17.76**	**33.77**	**90.36**	**0.92**	**16.79**	**14.83**	**26.54**	**25.50**	**2.60**

PLANTING AND SEEDING NOTES:

1. IT IS EXPECTED AND PREFERRED THAT ALL SPECIES IN EACH OF THE SPECIES GROUPS ARE PLANTED. THE TOLERANCES LISTED IN THIS NOTE ARE INTENDED TO INCORPORATE FLEXIBILITY ACCORDING TO SPECIES AVAILABILITY. AT A MINIMUM, CONTRACTOR TO PROVIDE AT LEAST:
   A) 3 OF THE 5 SPECIES IN GROUP 1,
   B) 4 OF THE 6 SPECIES IN GROUP 2,
   C) ALL OF GROUP 3,
   D) 5 OF THE 7 SPECIES IN GROUP 4,
   E) 3 OF THE 4 SPECIES IN GROUP 5,
   F) 3 OF THE 4 SPECIES IN GROUP 6 (WITH SALIX NIGRA A REQUIRED SPECIES),
   G) ALL OF GROUP 7,
   H) 4 OF THE 6 SPECIES IN GROUP 8,
   I) 3 OF THE 4 SPECIES IN GROUP 9,
   J) 5 OF 6 SPECIES IN GROUP 10,
   K) 5 OF 7 IN GROUP 11,
   L) 6 OF 8 IN GROUP 12,
   M) 4 OF 5 IN GROUP 13,
   N) 5 OF 8 IN GROUP 14, AND
   O) 5 OF 6 IN GROUP 15.

2. SUBSTITUTIONS FOR SELECTED SPECIES BASED UPON AVAILABILITY SHALL BE REQUESTED IN WRITING TO ENGINEER DOCUMENTING THE LACK OF AVAILABILITY IF THE FLEXIBILITY INHERENT IN THE ABOVE SCHEDULE IS STILL NOT SUFFICIENT. ENGINEER IS UNDER NO OBLIGATION TO APPROVE SUBSTITUTIONS.

3. THE PLANTED TREES AND SHRUBS SHALL BE RANDOMLY SPACED AND SPECIES MIXED THROUGHOUT THE PLANTING AREAS.

4. CONTAINER RATES AND QUANTITIES SHOWN FOR ONE GALLON SIZE. FOR PURPOSES OF SUBSTITUTION, TWO TUBELINGS ARE THE EQUIVALENT OF ONE 1-GALLON CONTAINER PLANT IN THIS SCHEDULE. CONTRACTOR MAY PROVIDE A MIX OF CONTAINER AND TUBELING SIZES FOR EACH SPECIES REQUIREMENT, PROVIDED THE RATIO OF TUBELINGS TO CONTAINERS IS NOT LESS THAN 2:1. EXCEPTION -- GROUP 6 (STREAM EDGE) SHALL BE PLANTED IN ACCORDANCE WITH NOTE #5.

5. GROUP 6 (STREAM EDGE) ZONE SHALL BE PLANTED WITH TUBELINGS, OR AS LIVESTAKES (SALIX NIGRA ONLY, AND ONLY BETWEEN FEBRUARY 1 AND MARCH 31). NO ONE GALLONS ARE REQUIRED TO BE USED FOR ANY OF THIS GROUP'S SPECIES.

6. STREAM BANK AND STREAM EDGE ZONES SHALL BE PLANTED SUCH THAT THE COMBINED MIX OF SPECIES IS SPACED APPROX. 3' O.C. AND 1' O.C, RESPECTIVELY. THESE ZONES SHALL NOT BE PLANTED SUCH THAT EACH INDIVIDUAL SPECIES IN THESE ZONES IS PLANTED AT THESE RATES, RESULTING IN TIGHTER SPACING.

7. ALL SEEDING RATES ARE EXPRESSED IN POUNDS OF PURE LIVE SEED (PLS).

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Northern Virginia Stream Restoration Bank
The Glade - Reach 5
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Riparian Area Vegetation Schedule

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ENGINEER
PROFESSIONAL

REVISIONS

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