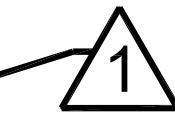


PFO AREA VEGETATION SCHEDULE

PLANTING SCHEDULE						PLANTING QUANTITIES (BASED ON ONE-GALLON SIZE)*																
CONTAINER PLANTING ZONE	SPECIES GROUP ^{1,2}	SPECIES ²	INDICATOR STATUS	PLANT SPACING ³	CONTAINER SIZE, RATE, AND QUANTITY ⁴	AREA (SF): AREA (AC): LENGTH (LF):	A	B	E	F	J	K	N	O	S	T	W	X	AA	CC	EE	
							3,988 0.09	1,631 0.04	4,567 0.10	2,098 0.05	5,546 0.13	1,139 0.03	5,591 0.13	4,149 0.10	14,966 0.34	4,291 0.10	10,346 0.24	760 0.02	1,110 0.03	9,746 0.22	9,350 0.21	
PFO FOREST	TREE LAYER	QUERCUS BICOLOR (SWAMP WHITE OAK)	FACW+	SEE NOTE #3	ONE-GALLON --or-- 186 (BASED ON ONE-GALLON)		-	-	-	-	-	-	26	20	68	20	48	4	-	-	-	
		QUERCUS PALustris (PN OAK)	FACW																			
		QUERCUS PHELLIOS (WILLOW OAK)	FAC+																			
	TREE LAYER	ACER NEGUNDO (BOX ELDER)	FAC+	SEE NOTE #3	350 ONE-GALLON --or-- 326 (BASED ON ONE-GALLON)		-	-	-	-	-	-	46	35	119	35	84	7	-	-	-	
		ACER RUBRUM (RED MAPLE)	FAC																			
		BETULA NIGRA (RIVER BIRCH)	FACW																			
		CARPINUS CAROLINIANA (IRONWOOD OR MUSCLEWOOD)	FAC																			
		LIQUIDAMBAR STYRACIFLUA (SWEET GUM)	FAC																			
		NYSSA SYLVATICA (BLACK GUM)	FACW+																			
	SHRUB LAYER	PLATANUS OCCIDENTALIS (AMERICAN SYCAMORE)	FACW-																			
		SALIX NIGRA (BLACK WILLOW)	FACW+	SEE NOTE #3	200 TUBELINGS --or-- 186 (TUBELINGS OR LIVESTAKES ONLY - SEE NOTE #5)		-	-	-	-	-	-	26	20	68	20	48	4	-	-	-	
		AMELANCHIER CANADENSIS (CANADIAN SERVICEBERRY)	FAC																			
SHRUB LAYER	ALNUS SERRULATA (BROOKSIDE ALDER)	OBL	SEE NOTE #3	150 ONE-GALLON --or-- 140 (BASED ON ONE-GALLON)		-	-	-	-	-	-	20	15	51	15	36	3	-	-	-		
	CEPHALANTHUS OCCIDENTALIS (BUTTONBUSH)	OBL																				
	LEX VERTICILLATA (COMMON WINTERBERRY)	FACW+																				
	LINDERA BENZON (NORTHERN SPICEBUSH)	FACW-																				
	VIBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC																				
RIPARIAN FOREST QUANTITY SUBTOTALS																						
STREAM BANK	TREE AND SHRUB LAYER	CORNUS AMOMUM (SLKY DOGWOOD)	FACW	SEE NOTE #3 (AVERAGES 3' O.C. FOR ONE-GALLON)	N/A	1,174 (BASED ON ONE-GALLON)		254	108	278	125	333	76	-	-	-	-	-	-	-	-	
		LEX VERTICILLATA (COMMON WINTERBERRY)	FACW+																			
		SAMBUCUS CANADENSIS (ELDERBERRY)	FACW-																			
		VIBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC																			
STREAM BANK QUANTITY SUBTOTALS																						
STREAM EDGE	TREE AND SHRUB LAYER	ALNUS SERRULATA (BROOKSIDE ALDER)	OBL	1' O.C. (SEE NOTES #5, #6)	N/A	3,525 (TUBELINGS OR LIVESTAKES ONLY - SEE NOTE #5)		762	323	834	376	1,000	229	-	-	-	-	-	-	-	-	
		CORNUS AMOMUM (SLKY DOGWOOD)	FACW																			
		SALIX NIGRA (BLACK WILLOW)	FACW+																			
		VIBURNUM DENTATUM (SOUTHERN ARROWWOOD)	FAC																			
STREAM EDGE QUANTITY SUBTOTALS																						
SUPPLEMENTAL	TREE LAYER	ACER RUBRUM (RED MAPLE)	FAC	AS SPECIFIED ON PLANS	N/A	4																
SUPPLEMENTAL QUANTITY SUBTOTALS																						

- PLANTING AND SEEDING NOTES:
- 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:
 - 2 OF THE 3 SPECIES IN GROUP 1,
 - 5 OF THE 7 SPECIES IN GROUP 2,
 - ALL OF GROUP 3,
 - 5 OF THE 6 SPECIES IN GROUP 4,
 - 3 OF THE 4 SPECIES IN GROUP 5,
 - 3 OF THE 4 SPECIES IN GROUP 6 (WITH SALIX NIGRA A REQUIRED SPECIES),
 - ALL OF GROUP 7,
 - 4 OF THE 6 SPECIES IN GROUP 8,
 - 3 OF THE 4 SPECIES IN GROUP 9,
 - 5 OF THE 6 SPECIES IN GROUP 10,
 - 5 OF THE 6 IN GROUP 11,
 - 6 OF THE 8 IN GROUP 12,
 - 3 OF THE 4 IN GROUP 13,
 - 5 OF THE 7 IN GROUP 14, AND
 - 3 OF THE 4 IN GROUP 15.
 - 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.
 - THE PLANTED TREES AND SHRUBS SHALL BE RANDOMLY SPACED AND SPECIES MIXED THROUGHOUT THE PLANTING AREAS.
 - CONTAINER RATES AND QUANTITIES SHOWN FOR ONE GALLON SIZE. FOR PURPOSES OF SUBSTITUTION, TWO TUBELINGS ARE THE EQUIVALENT OF 1 ONE-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 - GROUPS 3 AND 6 (SALIX NIGRA AND THE STREAM EDGE) SHALL BE PLANTED IN ACCORDANCE WITH NOTE #5.
 - GROUPS 3 AND 6 (SALIX NIGRA AND THE STREAM EDGE) 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 THESE GROUPS' SPECIES.
 - 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.
 - ALL SEEDING RATES ARE EXPRESSED IN POUNDS OF PURE LIVE SEED (PLS).



SEEDING SCHEDULE						SEEDING QUANTITIES																	
SEED PLANTING ZONE	SPECIES GROUP ^{1,2}	SPECIES ²	INDICATOR STATUS	SEEDING RATE ¹ (LBS/AC)	AREA PER PLANT (AC)	QUANTITY (LBS)	AREA (SF): AREA (AC):	A	B	E	F	J	K	N	O	S	T	W	X	AA	CC	EE	
								3,988 0.09	1,631 0.04	4,567 0.10	2,098 0.05	5,546 0.13	1,139 0.03	5,591 0.13	4,149 0.10	14,966 0.34	4,291 0.10	10,346 0.24	760 0.02	1,110 0.03	9,746 0.22	9,350 0.21	
PFO SEED MIX	7	LOLIUM MULTIFLORUM (ANNUAL RYEGRASS)	Ni	45.00	1.83	82.35		4.05	1.80	4.50	2.25	5.85	1.35	5.85	4.50	15.30	4.50	10.80	0.90	1.35	9.90	9.45	
		SETARIA ITALICA (FOX TAL MILLET)	UPL	45.00	1.83	82.35		4.05	1.80	4.50	2.25	5.85	1.35	5.85	4.50	15.30	4.50	10.80	0.90	1.35	9.90	9.45	
		(OR ECHINOCHLOA CRUSGALII VAR. FRUMENTACEA)																					
	8	CAREX SCOPARIA (BLUNT BROOM SEDGE)	FACW	0.30	1.83	0.56		0.03	0.01	0.03	0.02	0.04	0.01	0.04	0.03	0.10	0.03	0.07	0.01	0.01	0.07	0.06	
		CAREX SQUARROSA (SQUARROSE SEDGE)	FACW	0.30	1.83	0.56		0.03	0.01	0.03	0.02	0.04	0.01	0.04	0.03	0.10	0.03	0.07	0.01	0.01	0.07	0.06	
		CAREX VULPINOIDEA (FOX SEDGE)	OBL	0.30	1.83	0.56		0.03	0.01	0.03	0.02	0.04	0.01	0.04	0.03	0.10	0.03	0.07	0.01	0.01	0.07	0.06	
		CYPERUS ESCULENTUS (CHUFA)	FACW	0.30	1.83	0.56		0.03	0.01	0.03	0.02	0.04	0.01	0.04	0.03	0.10	0.03	0.07	0.01	0.01	0.07	0.06	
		JUNCUS EFFUSUS (SOFT RUSH)	FACW+	0.30	1.83	0.56		0.03	0.01	0.03	0.02	0.04	0.01	0.04	0.03	0.10	0.03	0.07	0.01	0.01	0.07	0.06	
		JUNCUS TENUIS (PATH RUSH)	FAC-	0.30	1.83	0.56		0.03	0.01	0.03	0.02	0.04	0.01	0.04	0.03	0.10	0.03	0.07	0.01	0.01	0.07	0.06	
		9	ELYMUS RIPARIUS (RIVERBANK WILD RYE)	FACW	10.00	1.83	18.30		0.90	0.40	1.00	0.50	1.30	0.30	1.30	1.00	3.40	1.00	2.40	0.20	0.30	2.20	2.10
			ELYMUS VIRGINICUS (VIRGINIA WILD RYE)	FACW+	10.00	1.83	18.30		0.90	0.40	1.00	0.50	1.30	0.30	1.30	1.00	3.40	1.00	2.40	0.20	0.30	2.20	2.10
			PANICUM CLANDESTINUM (DEER TONGUE GRASS)	FAC+	10.00	1.83	18.30		0.90	0.40	1.00	0.50	1.30	0.30	1.30	1.00	3.40	1.00	2.40	0.20	0.30	2.20	2.10
			PANICUM DICHOTOMIFLORUM (SMOOTH PANIC GRASS)	FACW-	10.00	1.83	18.30		0.90	0.40	1.00	0.50	1.30	0.30	1.30	1.00	3.40	1.00	2.40	0.20	0.30	2.20	2.10
			ALISMA SUBCORDATA (WATER PLANTAIN)	OBL	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02
			ASTER NOVAE-ANGLIAE (NEW ENGLAND ASTER)	FACW-	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02
	10	ASTER PUNCEUS OR SYMPHOTRICHUM PLOSUM (PURPLE-STEM)	OBL	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02	
		ASTER PRENANTHOIDES (ZIG ZAG ASTER)	FAC	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02	
		LILIUM SUPERBUM (TURKSCAP LILY)	FACW+	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02	
		SCIRPUS CYPERINUS (WOOLGRASS)	FACW+	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02	
		EUPATORIUM FISTULOSUS (JOE PYE WEED)	FACW	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02	
		EUPATORIUM PERFOLIATUM (BONESET)	FACW+	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02	
		11	EUTHAMIA GRAMINFOLIA (GRASS LEAVED GOLDENROD)	FAC	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02
			LUDWIGIA ALTERNIFOLIA (BUSHY SEEDBOX)	FACW+	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02
			VERNONIA NOVEBORACENSIS (NEW YORK IRONWEED)	FACW+	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02
			ZIZIA AUREA (GOLDEN ALEXANDERS)	FAC	0.10	1.83	0.16		0.01	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.03	0.01	0.02	0.00	0.00	0.02	0.02
			ASCLEPIAS INCARNATA (SWAMP MILKWEED)	OBL	0.20	1.83	0.38		0.02	0.01	0.02	0.01	0.03	0.01	0.03	0.02	0.07	0.02	0.05	0.00	0.01	0.04	0.04
			BIDENS FRONDOSA (BEGGAR TICKS)	FACW	0.20	1.83	0.38		0.02	0.													