

THE GLADE REACH 5 WILDFLOWER WALK AREA SEED SCHEDULE

SPECIES GROUP	SPECIES	INDICATOR STATUS	SEEDING RATE (LBS/AC)	AREA PER PLANT (AC)	QUANTITY (LBS)
W1	LOLUM MULLIFLORUM (ANNUAL RYEGRASS)	NI	45.00	0.15	6.75
	SETARIA ITALICA (FOXTAIL MILLET) (OR ECHINOCHLOA CRUSGALII VAR. FRUMENTACEA)	UPL	45.00	0.15	6.75
W2	CAREX SCOPARIA (BLUNT BROOM SEDGE)	FACW	0.20	0.15	0.03
	CAREX SQUARROSA (SQUARROSE SEDGE)	NI	0.20	0.15	0.03
	ELYMUS HYSTRIX (BOTTLEBRUSH GRASS)	UPL	0.20	0.15	0.03
	JUNCUS TENUIS (PATH RUSH)	FAC-	0.20	0.15	0.03
W3	ELYMUS VIRGINICUS (VIRGINIA WILD RYE)	FACW-	10.00	0.15	1.50
	Panicum clandestinum (DEER TONGUE GRASS)	FAC+	10.00	0.15	1.50
	Panicum virgatum (SWITCHGRASS)	FAC	10.00	0.15	1.50
W4	ANEMONE VIRGINIANA (THIMBLEWEED)	NI	0.10	0.15	0.02
	ASTER NOVAE-ANGLAE (NEW ENGLAND ASTER)	FACW-	0.10	0.15	0.02
	ASTER FILIOSUS (HEATH ASTER)	UPL	0.10	0.15	0.02
	ASTER FRENANTHOIDES (ZIG ZAG ASTER)	FAC	0.10	0.15	0.02
	SOLIDAGO BICOLOR (SILVERROD)	FACU	0.10	0.15	0.02
	SOLIDAGO CAESIA (BLUESTEM GOLDENROD)	FACU	0.10	0.15	0.02
	EUPATORIUM FISTULOSUS (LOE PYE WEED)	FACW	0.10	0.15	0.02
W5	EUTHAMIA GRAMINIFOLIA (GRASS LEAVED GOLDENROD)	FAC	0.10	0.15	0.02
	SOLIDAGO CANADENSIS (CANADA GOLDENROD)	FACU	0.10	0.15	0.02
	SOLIDAGO SPECIOSA (SHOWY GOLDENROD)	UPL	0.10	0.15	0.02
	ZIZIA AUREA (GOLDEN ALEXANDERS)	FAC	0.10	0.15	0.02
	ASCLEPIAS SYRIACA (COMMON MILKWEED)	UPL	0.20	0.15	0.03
	BIDENS FRONDOSA (BEGGAR TICKS)	FACW	0.20	0.15	0.03
	HELIANTHUS ANGUSTRIFOLIUS (NARROW-LEAF SUNFLOWER)	FACW	0.20	0.15	0.03
W6	ONOCLEA SENSBILIS (SENSITIVE FERN)	FACW	0.20	0.15	0.03
	PENSTEMON DIGITALIS (PENSTEMON)	FAC	0.20	0.15	0.03
	VERBESINA ALTERNIFOLIA (WINGSTEM)	FAC	0.20	0.15	0.03
	COREOPSIS LANCOLEATA (LANGE LEAVED COREOPSIS)	FACU	0.20	0.15	0.03
	HELOPSIS HELIANTHOIDES (OXEYE SUNFLOWER)	UPL	0.20	0.15	0.03
W7	POLYGONUM PENSYLVANICUM (PA SMARTWEED)	FACW	0.20	0.15	0.03
	RUDECKIA HIRTA (BLACK EYED SUSAN)	FACU-	0.20	0.15	0.03
	SENNA HEBEICARPA (WILD SENNA)	FAC	0.20	0.15	0.03
	PENSTEMON DIGITALIS (TALL WHITE BEARD TONGUE)	FAC	0.50	0.15	0.08
	MONARDA FISTULOSA (WILD BERGAMONT)	UPL	0.50	0.15	0.08
W8	ANEMONE VIRGINIANA (THIMBLEWEED)	NI	0.50	0.15	0.08
	SENNA HEBEICARPA (WILD SENNA)	FAC	0.50	0.15	0.08
SEEDING TOTALS			136.10		20.42

WILDFLOWER WALK AREA SEEDING NOTES:

- IT IS EXPECTED AND PREFERRED THAT ALL 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:
 - ALL OF GROUP W1.
 - 3 OF THE 4 SPECIES IN GROUP W2.
 - 3 OF THE 4 SPECIES IN GROUP W3.
 - 3 OF THE 4 SPECIES IN GROUP W4.
 - 4 OF THE 5 SPECIES IN GROUP W5.
 - 4 OF THE 6 SPECIES IN GROUP W6.
 - 4 OF THE 5 SPECIES IN GROUP W7.
 - 4 OF THE 5 SPECIES IN GROUP W8.
- 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.
- ALL SEEDING RATES ARE EXPRESSED IN POUNDS OF PURE LIVE SEED (PLS).

WILDFLOWER WALK AREA PLANTING GROUPS

GROUP	PLANT LIST	# OF PLANTS*
①	VIRGINIA BLUEBELLS (Menziesia virginica)	100
	CINNAMON FERN (Osmunda cinnamomea)	24
②	LADY FERN (Athyrium filix-femina)	12
	CINNAMON FERN (Osmunda cinnamomea)	12
③	NEW YORK FERN (Thelypteris novboracensis)	24
	RUE ANEMONE (Anemoneella thalictroides)	24
④	WHITE WOOD ASTER (Aster divaricatus)	12
	FOAM FLOWER (Tiarella cordifolia)	12
⑤	ROYAL FERN (Osmunda regalis)	12
	BLUESTEM GOLDENROD (Solidago caesia)	24
⑥	VIOLETS (Viola sp.)	12
	CAREX (Carex flaccosperma)	24
⑦	TRILLIUM (Trillium erectum)	24
	BLACK COHOSH (Cimicifuga racemosa)	24
⑧	CHRISTMAS FERN (Polystichum acrostichoides)	18
	WILD GERANIUM (Geranium maculatum)	12
⑨	WHITE WOOD ASTER (Aster divaricatus)	24
	CAREX (Carex pensylvanica)	36
⑩	VIOLETS (Viola sp.)	12
	HEPATIC (Hepatica americana)	6
⑪	SPRING BEAUTY (Claytonia virginica)	12
	TRILLIUM (Trillium erectum)	6
⑫	SPRING BEAUTY (Claytonia virginica)	24
	TRILLIUM (Trillium erectum)	12
⑬	CHRISTMAS FERN (Polystichum acrostichoides)	6
	MA YAPPLE (Podophyllum peltatum)	12
⑭	VIRGINIA BLUEBELLS (Menziesia virginica)	12
	CAREX (Carex pensylvanica)	6
⑮	CHRISTMAS FERN (Polystichum acrostichoides)	6
	CHRISTMAS FERN (Polystichum acrostichoides)	6

* Minimum plant size to be plug/tubling or spade-sized transplant.

WILDFLOWER WALK AREA PLANTING NOTES:

- SOME OF THE PLANTS SPECIFIED IN THE WILDFLOWER WALK AREA MAY BE DIFFICULT TO OBTAIN. THE FOLLOWING OPTIONS ARE PERMITTED TO BE USED TO OBTAIN THE NECESSARY QUANTITY OF PLANTS. SUBJECT TO ENGINEER APPROVAL:
 - UP TO 25% OF THE TOTAL QUANTITY WITHIN EACH GROUP MAY BE REPLACED WITH ADDITIONAL PLANTS FROM WITHIN THE GROUP. USING GROUP 2 AS AN EXAMPLE, IF NO CINNAMON FERN PLANTINGS ARE AVAILABLE AN ADDITIONAL 6 LADY FERN PLANTINGS AND 6 NEW YORK FERN PLANTINGS MAY BE USED.
 - IF MORE THAN 25% OF THE TOTAL QUANTITY WITHIN EACH GROUP IS UNAVAILABLE, THE MISSING SPECIES MAY BE REPLACED WITH ANY OTHER SPECIES FROM THE SAME GROUP. PLANTINGS ARE AVAILABLE. IT MAY BE REPLACED WITH A SPECIES FROM GROUP 5, 7, 8, 11 OR 13.
- REFER TO PLANTING NOTES AND DETAILS SHEET FOR INFORMATION ON PLANT INSTALLATION.

WILDFLOWER WALK AREA PLANT LIST

WILDFLOWER LIST	TOTAL # OF PLANTS
FOAMFLOWER (Tiarella cordifolia)	24
RUE ANEMONE (Anemoneella thalictroides)	24
BLACK COHOSH (Cimicifuga racemosa)	48
WILD GERANIUM (Geranium maculatum)	12
WILD TRILLIUM (Trillium erectum)	66
WILD WOOD ASTER (Aster divaricatus)	148
VIRGINIA BLUEBELLS (Menziesia virginica)	48
BLOODROOT (Sanguinaria canadensis)	72
SPRING BEAUTY (Claytonia virginica)	48
MA YAPPLE (Podophyllum peltatum)	18
HEPATIC (Hepatica americana)	36
JACK-IN-THE-PULPIT (Arisaema atrovirens)	36
VIOLET (Viola sp.)	30
GOLDEN RAGWORT (Senecio aureus)	30
BLUESTEM GOLDENROD (Solidago caesia)	142
WHITE WOOD ASTER (Aster divaricatus)	142
WILD WOOD SEDGE (Carex flaccosperma)	54
BLUE WOOD SEDGE (Carex flaccosperma)	54
CHRISTMAS FERN	44
CINNAMON FERN	42
LADY FERN	12
ROYAL FERN (Osmunda regalis)	36
ARROWWOOD (Viburnum dentatum)	20
SPICEBUSH (Lindera benzoin)	35
PINKER AZALEA (Rhododendron perfolioides)	6
AMERICAN ELDER (Sambucus canadensis)	4
AMERICAN HOLLY	6
RED OAK	9
AMERICAN Sycamore (Platanus occidentalis)	4
SHADBUSH (Amelanchier alboterres)	4

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Northern Virginia Stream Restoration Bank
The Glade - Reach 5
Fairfax County, Virginia

Wildflower Walk Area Vegetation Schedule

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COMMONWEALTH OF VIRGINIA
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PROFESSIONAL ENGINEER

REVISIONS

No.	Date	Description	Rev. By	App. By

Horizontal Datum: N/A
Vertical Datum: N/A
Boundary and Topo Source: N/A

DATE: SEPTEMBER 2009 SCALE: N/A

Design: DDD Date: Approved:

JTM RDD FRG

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Compton E.H. Name: Title: