

1 RAIN GARDEN AND SPILLWAY
SCALE: 1/4"=1'-0"

RAIN GARDEN PLANT LIST

Date: 5/19/2020
Created by: IC
Revisions by: AK

BOTANICAL NAME	COMMON NAME	QTY	SIZE	HEIGHT	COLOR	MATURE FLOWER	BLOOM TIME
							J F M A M J J A S O N D
HERBACEOUS PERENNIALS							
Baptisia australis	Blue False Indigo	50	Plug	2-4'			J F M A M J J A S O N D
Monarda didyma	Oswego Tea	50	Plug	3-4'			J F M A M J J A S O N D
Physostegia virginiana	Obediant Plant	32	Plug	2-5'			J F M A M J J A S O N D
Pycnanthemum muticum	Big Leaf Mountain Mint	50	Plug	3-4'			J F M A M J J A S O N D
Senecio aureus	Golden Groundsel	32	Plug	1-3'			J F M A M J J A S O N D

Seed Mix Specifications
Project: Isaac Walton League
MIX: Rain Garden
Area in acres = 0.05
Area in sq ft = 200
Total seeds per sq ft = 200
% grasses = 60%

Results (excluding nurse crop)
19 lbs. of seed/acre
0.09 Total lbs. this mix
19 Total spp.
7 Number of graminoids
12 Number of forbs

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Grasses, Sedges and Rushes						
Carex cristata	Crested Oval Sedge	0.02	oz S1	Local ecotype only	2-3'	cool
Carex gracillima	Purple-Sheathed Sedge	0.02	oz		3'	cool
Carex granularis	Pale Sedge	0.09	oz		2-3'	cool
Carex hirsutella	Hairy Green Sedge	0.13	oz		2-3'	cool
Carex normalis	Spreading Oval Sedge	0.19	oz		1-3'	cool
Carex projecta	Loose-headed Oval Sedge	0.08	oz		1-2'	cool
Carex vulpinoidea	Fox Sedge	0.07	oz		1-3'	cool

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Forbs						
Allium cernuum	Nodding Pink Onion	0.32	oz		1-2'	Summer
Blephilia hirsuta	Hairy Wood Mint	0.01	oz		2-3'	Summer
Coreopsis lanceolata	Tickseed	0.04	oz		2-3'	Spring
Eryngium yuccifolium	Rattlesnake Master	0.11	oz		3-5'	Summer
Eupatorium coelestinum (Conoclinium)	Mistflower	0.06	oz		1-3'	Summer
Helenium flexuosum	Helianthus Flower	0.01	oz		1-3'	Fall
Liatris spicata	Blazing Star	0.17	oz S1	Local ecotype only	2-6'	Summer
Lobelia cardinalis	Cardinal Flower	0.01	oz		2-5'	Summer
Monarda punctata	Horsenut	0.01	oz		1-2'	Summer
Penstemon digitalis	White Beardtongue	0.02	oz		2-4'	Spring
Rudbeckia hirta	Black Eyed Susan	0.01	oz		1-3'	Summer
Zizia aurea	Golden Alexander	0.07	oz		1-3'	Spring

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Nurse Crop						
Hordeum vulgare	Barley	0.14	lb			

Seed Mix Specifications
Project: Isaac Walton League
MIX: Shady Meadow
Area in acres = 0.23
Area in sq ft = 1500
Total seeds per sq ft = 150
% grasses = 60%

Results (excluding nurse crop)
8 lbs. of seed/acre
0 Total lbs. this mix
23 Total spp.
6 Number of graminoids
17 Number of forbs

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Grasses, Sedges and Rushes						
Carex echinacea	Ivory Sedge	0.26	oz S1, E	Local ecotype only	4-12'	cool
Carex jamesii	James' Sedge	1.09	oz		1-3'	cool
Carex normalis	Spreading Oval Sedge	1.39	oz		1-3'	cool
Carex projecta	Loose-headed Oval Sedge	0.65	oz		1-2'	cool
Carex radata	Wood Sedge	0.46	oz		10"	cool
Carex rosea	Curly-styled Wood Sedge	0.25	oz		1"	cool

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Forbs						
Allium cernuum	Nodding Pink Onion	0.59	oz		1-2'	Summer
Anemone virginiana	Thimbleweed	0.26	oz		2-3'	Summer
Aquilegia canadensis	Columbine	0.19	oz		1-3'	Spring
Aster cordifolius (Symphoricarichum)	Blue Wood Aster	0.06	oz		1-2'	Fall
Aster divaricatus (Eurybia)	White Wood Aster	0.11	oz		1-2'	Fall
Blephilia ciliata	Downy Wood Mint	0.01	oz		1-2'	Spring
Coreopsis lanceolata	Tickseed	0.23	oz		2-3'	Spring
Eupatorium coelestinum (Conoclinium)	Mistflower	0.01	oz		1-3'	Summer
Lespedeza virginica	Slender Bush Clover	0.36	oz		1-3'	Summer
Monarda punctata	Horsenut	0.05	oz		1-2'	Summer
Penstemon hispidus	Hairy Beardtongue	0.04	oz		1-2'	Spring
Pycnanthemum incanum	Hairy Mountain Mint	0.03	oz		2-3'	Summer
Rudbeckia hirta	Black Eyed Susan	0.03	oz		1-3'	Summer
Scutellaria incana	Downy Skullcap	0.67	oz		2-3'	Summer
Solidago odora	Scented Goldenrod	0.07	oz		2-4'	Fall
Tradescantia virginiana	Virginia Spiderwort	0.36	oz		1-3'	Spring
Zizia aurea	Heart-leaf Golden Alexander	0.38	oz		1-2'	Spring

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Nurse Crop						
Hordeum vulgare	Barley	1.02	lb			

Seed Mix Specifications
Project: Isaac Walton League
MIX: Sunny Meadow
Area in acres = 0.13
Area in sq ft = 900
Total seeds per sq ft = 175
% grasses = 50%

Results (excluding nurse crop)
2 lbs. of seed/acre
3 Total lbs. this mix
25 Total spp.
8 Number of graminoids
17 Number of forbs

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Grasses, Sedges and Rushes						
Carex conoidea	Openfield Sedge	1.02	oz S1, E	Local ecotype only	1-2'	cool
Carex gracillima	Purple-Sheathed Sedge	0.25	oz		2'	cool
Carex hirsutella	Hairy Green Sedge	2.82	oz		2-3'	cool
Carex muhlenbergii	Sand Bracted Sedge	2.11	oz		1-3'	cool
Carex normalis	Spreading Oval Sedge	4.06	oz		1-3'	cool
Carex projecta	Loose-headed Oval Sedge	1.64	oz		1-2'	cool
Carex rosea	Curly-styled Wood Sedge	0.48	oz		1"	cool
Carex vulpinoidea	Fox Sedge	1.52	oz		1-3'	cool

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Forbs						
Allium cernuum	Nodding Pink Onion	5.34	oz		1-2'	Summer
Asclepias tuberosa	Butterfly Weed	4.72	oz		1-3'	Summer
Aster laevis (Symphoricarichum)	Smooth Aster	0.92	oz		2-5'	Fall
Coreopsis lanceolata	Tickseed	1.27	oz		2-3'	Spring
Echinacea pallida	Pale Purple Coneflower	4.88	oz		2-4'	Summer
Eryngium yuccifolium	Rattlesnake Master	3.38	oz		3-5'	Summer
Eupatorium coelestinum (Conoclinium)	Mistflower	0.04	oz		1-3'	Fall
Helenium flexuosum	Helianthus Flower	0.21	oz		1-3'	Fall
Liatris aspera	Rough Blazingstar	2.54	oz		2-3'	Fall
Lobelia spicata	Great Blue Lobelia	0.06	oz		1-4'	Fall
Monarda punctata	Horsenut	0.28	oz		1-2'	Summer
Penstemon digitalis	White Beardtongue	0.39	oz		2-4'	Spring
Pycnanthemum tenuifolium	Slender Mountain Mint	0.11	oz		2-3'	Summer
Rudbeckia hirta	Black Eyed Susan	0.17	oz		1-3'	Summer
Solidago juncea	Early Goldenrod	0.25	oz		1-3'	Summer
Tradescantia ohioensis	Ohio Spiderwort	1.90	oz		2-4'	Spring
Zizia aurea	Golden Alexander	2.31	oz		1-3'	Spring

Botanical Name	Common Name	Qty	Ranking	Notes	Ht (ft/in)	Season/Color
Nurse Crop						
Secale cereale	Rye	3.95	lb			

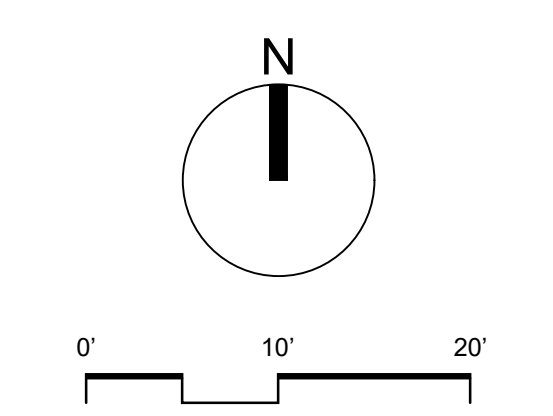
Notes:
1. USE THE FOLLOWING ECO TYPES IF AVAILABLE:
NORTH EAST
PA, MD



STAMP

IZAAK WALTON LEAGUE
707 CONSERVATION LANE
GAITHERSBURG, MD 20878

RAIN GARDEN AND MEADOW
CONSTRUCTION DRAWING



PROJECT NUMBER: MBA-IWL
ISSUE DATE: 5/19/2020
REVISIONS:
1 5/26/2020 MBA comments

DRAWN: AK REVIEWED:

DRAWING TITLE

LANDSCAPE PLAN

DRAWING NUMBER
1
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