

PROPOSED MITIGATION PLANTING PLAN

DATED: SEPTEMBER 18, 2020

PREPARED BY: ENVIRONMENTAL CONSULTING & RESTORATION, LLC

PLANTING NOTES:

- 1.) PRIOR TO WORK, EROSION CONTROLS SHALL BE INSTALLED ALONG THE DOWNGRADIANT EDGE OF THE 1,530 SQ. FT. MITIGATION AREA TO PROTECT NEARBY WETLAND RESOURCE AREAS.
- 2.) PLANTING SHALL OCCUR EITHER IN FALL (OCT. 15- NOV. 15) OR EARLY SPRING (MARCH 15-APRIL 30).
- 3.) THE PLANTING AREA SHALL BE PREPARED BY TURFING OFF EXISTING LAWN IN ORDER TO EXPOSE THE EXISTING TOP SOIL.
- 4.) THE PLANTING AREA SHALL THEN BE SUPPLEMENTED WITH 3-4" OF CLEAN LOAM AS NECESSARY.
- 5.) ALL PLANTING SHALL BE COMPLETED BY HAND AND INCLUDES A TOTAL OF 28 NATIVE SHRUBS SPACED IN ACCORDANCE WITH MA DEP GUIDANCE AT 8 FEET ON CENTER. UPON COMPLETION OF THE PLANTINGS, THE ROOT ZONE OF EACH PLANT SHALL BE COVERED WITH NATURAL WOOD CHIPS OR LEAF LITTER.
- 6.) THE REMAINING PLANTING AREA SHALL BE RAKED AND HAND SEEDED WITH A NATIVE UPLAND SEED MIX (SEE SEED MIX PROFILE BELOW).
- 7.) AN IRRIGATION SCHEDULE SHALL BE ESTABLISHED BY THE APPLICANT AND EROSION CONTROLS SHALL REMAIN IN PLACE UNTIL THE PLANTING AREA IS STABILIZED.

Plant Legend					
Symbol	Qty	Common	Botanical	Size	Indicator
	7	Bayberry	<i>Myrica pensylvanica</i>	2-3 ft.	FAC
	7	Black Chokeberry	<i>Aronia melanocarpa</i>	2-3 ft.	FAC
	7	Mountain Laurel	<i>Kalmia latifolia</i>	2-3 ft.	FACU
	7	Witch Hazel	<i>Hamamelis virginiana</i>	2-3 ft.	FACU

Native Upland Wildlife Forage & Cover Meadow Mix

Mix Composition

- 34.9% *Andropogon gerardii*, 'Niagara' (Big Bluestem, 'Niagara')
- 27.0% *Panicum virgatum*, 'Cave-In-Rock' (Switchgrass, 'Cave-In-Rock')
- 21.0% *Elymus virginicus*, PA Ecotype (Virginia Wildrye, PA Ecotype)
- 9.0% *Sorghastrum nutans*, NY4 Ecotype (Indiangrass, NY4 Ecotype)
- 3.0% *Rudbeckia hirta*, Coastal Plain NC Ecotype (Blackeyed Susan, Coastal Plain NC Ecotype)
- 2.0% *Chamaecrista fasciculata*, PA Ecotype (Partridge Pea, PA Ecotype)
- 1.5% *Heliopsis helianthoides*, PA Ecotype (Oxeye Sunflower, PA Ecotype)
- 1.0% *Coreopsis tinctoria* (Plains Coreopsis)
- 0.4% *Desmodium canadense*, PA Ecotype (Showy Ticktrefoil, PA Ecotype)
- 0.1% *Monarda fistulosa*, Fort Indiantown Gap-PA Ecotype (Wild Bergamot, Fort Indiantown Gap-PA Ecotype)

