



**ZONE 1 - SUBMERGENT (DEEP WATER)**

- WATER DEPTH 0.5m TO 2.0m
- PLANTING MUST INCLUDE A MINIMUM OF (3) THREE SPECIES EACH OF ROBUST, BROADLEAF AND NARROW LEAF PLANT VARIETIES

**ZONE 2 - AQUATIC FRINGE (EXTENDED DETENTION)**

- WATER DEPTH 0.0m TO 0.5m
- PLANTING MUST INCLUDE AT LEAST (4) FOUR SPECIES EACH OF ROBUST, BROADLEAF AND NARROW LEAF PLANT VARIETIES

**ZONE 3 - SHORELINE FRINGE (EXTENDED DETENTION)**

- 1.0m (HORIZONTAL) FROM THE PERMANENT POOL ELEVATION
- PLANTING ZONE TO CONTAIN WETLAND SPECIES AND MUST INCLUDE PERENNIAL SEDGES, RUSHES AND WILD FLOWERS IN COMBINATION WITH SHRUBS AND WETLAND SEED MIX

**ZONE 4 - FLOOD FRINGE**

- 2.0m (HORIZONTAL) FROM LIMIT OF SHORELINE FRINGE LIMIT OR TO THE 100 YEAR FLOOD LEVEL (WHICHEVER IS GREATER)
- PLANTING MUST INCLUDE A DIVERSE VARIETY OF NO LESS THAN (4) FOUR TOLERANT SPECIES EACH OF SHRUBS, DECIDUOUS TREES, CONIFEROUS TREES AND AN UPLAND SEED MIX

**ZONE 5 - UPLAND**

- INCLUDES ALL AREAS ABOVE THE LIMITS OF THE 3.0m FLOOD FRINGE (ZONE4)
- PLANTING MUST INCLUDE A DIVERSE VARIETY OF NO LESS THAN (5) FIVE SPECIES EACH OF DROUGHT TOLERANT SHRUBS, DECIDUOUS TREES, CONIFEROUS TREES AND AN UPLAND SEED MIX

**NOTES:**

1. A 1.5m TYPICAL BUFFER IS TO BE MAINTAINED BETWEEN PROPERTY BOUNDARIES AND MAINTENANCE ACCESS, SPILLWAYS AND OTHER STRUCTURES, THIS BUFFER IS TO CONTAIN ONLY HERBACEOUS PLANT MATERIAL.
2. ALL PLANT MATERIAL IS TO BE NATIVE TO SIMCOE COUNTY.
3. REFER TO SECTION 4.8 OR THE STORM DRAINAGE AND STORM WATER MANAGEMENT POLICIES AND DESIGN GUIDELINES FOR SPECIFICATIONS.
4. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.



**STORMWATER PLANTING  
ZONE COMPOSITION**

REV No.	DATE: JUNE 2015
1	SCALE: N.T.S.
BSD-1318	

**APPROVED**  
DATE: June 11, 15.  
*[Signature]*  
DIRECTOR OF ENGINEERING