North Carolina Living Shoreline Permitting

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Marsh Sills (Living Shorelines)

~Constructed out of sloping riprap stone including granite, marl, oyster shell or broken concrete

~Placed offshore and parallel to shore to reduce wave energy to protect existing and or newly planted wetland/marsh grasses.
Shoreline Stabilization Permitting

**General Permits (GPs):** issued by DCM field staff and are streamlined major permits for routine projects.

**Major permits:** reviewed by 10 state & 4 federal agencies and are issued at the Division headquarters (permit issuance averages 75-90 days).
Two Types of General Permits:

– Riprap revetment for Wetland Protection GP (.2400)
Marsh Sill for Wetland Enhancement GP (.2700) – AKA Living Shoreline GP
General Permit for Living Shorelines

- Limited to 30’ past normal high water or 5’ past existing wetlands.
- Cannot exceed 12” above normal high water
- Slope cannot exceed 1.5’ horizontal distance over a 1’ vertical rise
- Max length 500’ with a 5’ openings every 100’
- Max base width of 12’
- Must be marked for navigational purposes every 50’
- Cannot construct over existing SAV or oyster beds
- NO ASSOCIATED BACKFILL
General Permit for Living Shorelines

• USACE Regional General Permit for Marsh Sills became effective March 2019
• In turn, the DCM Living Shoreline GP became effective April 1, 2019

** Cannot interfere with navigation or existing shellfish leases**
General Permit Application

- GP application
- Drawing (NHW/CW)
- Adjacent Riparian Neighbor notifications (Do not need a waiver if less than 25 ft. below NHW)
- Permit fee ($200)
Major Permit
*used for Living Shorelines that don’t meet GP*

• Reviewed by 10 state & 4 federal agencies
• Permit issuance averages 75 days
• Application Requirements:
  
  - Adjacent Property owner notification
  - Deed (or other legal instrument)
  - Top view drawing
  - Cross section drawing
  - Application forms (MP-1 and MP-2)
  - $400.00 permit fee
Major Permit Drawings

- Do not require surveyed or engineered drawings and can be hand drawn but must be to **SCALE**!
Quick tips for expedited applications

• Discuss Navigational impacts
• Propose Marking (reflectors)
• Review possible submerged aquatic vegetation (SAV) impacts
• Discuss oyster growing potential
• Review if area is Open or Closed to shellfish
• Determine bottom type (mud or sand bottom)
• Propose gaps for marine animal movement
Questions?

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