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

• Categories:
  – General Permits (GPs): issued by DCM field staff and are streamlined major permits for routine projects (permit issuance averages 5-14 days)
  – Major permits: reviewed by 10 state & 4 federal agencies and are issued at the Division headquarters (permit issuance averages 75-90 days)
• General Permits
  – Riprap revetment for Wetland Protection GP (.2400)
  – Riprap Sill for Wetland Enhancement GP (.2700) – AKA Living Shoreline GP
General Permit Application

- GP application
- Drawing
- Neighbor notifications
- Permit fee ($200)
General Permit for Living Shorelines

- Limited to 30’ past normal high water or 5’ past existing wetlands, whichever is greater
- Cannot exceed 1’ 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
- Cannot construct over existing SAV or oyster beds
- NO ASSOCIATED BACKFILL
General Permit for Living Shorelines

- DCM Living Shoreline GP becomes effective April 1, 2019
- Associated federal permit (USACE Regional General Permit) to become effective shortly thereafter
• Living Shorelines currently go through the major permitting process.

• DCM provides coordination with other agencies on behalf of the applicant.
Major Permit
*used for Living Shorelines that don’t meet GP*

- Reviewed by 10 state & 4 federal agencies
- Permit issuance averages 75 days but can be issued within 30-45 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

- Navigational impacts
- Marking (reflectors)
- Submerged aquatic vegetation (SAV) impacts
- Oyster growing potential
- Open or closed to shellfish
- Bottom type (mud or sand bottom)
- Gaps for marine animal movement
Questions?

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