

**J. STORMWATER MANAGEMENT DESIGN CHECKLIST**

*This checklist is provided as a guide for plan preparers only; additional items not listed herein may be required by the Planning Board on a project-by-project basis.*

**SEDIMENTATION & EROSION CONTROL (SEC) PLAN** (Article XIII, Section H.4)  
(Items to be depicted on land development plans)

Existing Conditions Features (Section H.4.b.1)

- Natural waterways & water bodies
- Man-made waterways & water bodies
- Special areas susceptible to erosion

Proposed Conditions Features (H.4.b.2)

- Proposed limits of disturbance (L.O.D.)
- Location/type of proposed SEC measures
- Standard details for all proposed SEC measures
- Detailed construction sequence
- Detailed short-term SEC maintenance plan

**STORMWATER MITIGATION PLAN (SMP)** (Section H.5)

Stormwater Mitigation Report (H.5.b)

- Pre & post development peak flow rates (all analyzed storms)
- Pre & post development peak volumes (all analyzed storms)
- Post-development water quality volume (WQV) calculations
- Peak flow rate mitigation design (required)
- Peak volume mitigation design (recommended)
- Water quality design
- Supporting materials (soil maps, soil evaluation reports, etc.)
- Long-term stormwater collection, conveyance and mitigation feature O&M plan
- Stormwater feature easement language (for Town-maintained features on or accessed through private property)
- Stormwater feature maintenance agreement language (for privately-maintained features only)
- Non-structural SMP narrative (if applicable)

West Greenwich Land Development & Subdivision Regulations: amended May 19, 2008

- Pre-Development Watershed Maps (H.5.c.1) i.)  
(May be incorporated into plan set or provided separately in SMP Report)
  - Existing topography
  - Existing physical features
  - Watershed perimeters
  - Tc flow paths
  - Watershed annotations
  
- Post-Development Watershed Maps (H.5.c.1) ii.)  
(May be incorporated into plan set or provided separately in SMP Report)
  - Proposed topography
  - Proposed physical features
  - Watershed perimeters
  - Tc flow paths
  - Watershed annotations
  
- Stormwater Collection, Conveyance & Mitigation Features  
(Items to be depicted on Land Development Plans)
  - All proposed collection, conveyance and mitigation features
  - Standard details for all elements of proposed features
  - Long-term stormwater collection, conveyance and mitigation feature O&M plans