CONSERVATION DEPARTMENT
TOWN HALL – 110 MYRTLE AVENUE
WESTPORT, CT 06880
P 203.341.1170 F 203.341.1088

WESTPORT

Application #: _____

SCHEDULE D: WATERWAY PROTECTION LINES

PROJECT ADDRESS: 9 LONE PINE LANE (D11/ / 132/000 /)

Due by 4:00 p.m. on 10/17/2026

1. Explain/submit information showing why/how the proposed activity as located within Waterway Protection Lines will not cause flooding, drainage, erosion and/or related conditions hazardous to life and property and will not have an adverse impact upon the flood-carrying and water-storage capacity of the town's waterways, including but not limited to the impact upon flood heights, hydrological energy flow, maintenance of essential and natural patterns of water circulation, drainage and basin configuration and maintenance of fresh- and saltwater exchange through the placement of culverts, tide gates or other drainage flood-control structures. (sec.148-8)

   The proposed activity on site includes the demolition of the existing dwelling a, and replacing them with a new single-family dwelling with an attached garage. A new retention system has been designed that will attenuate the peak discharge and encourage in-ground infiltration. All downspouts will be directed to these retention structures in both the front and rear of the property. To further improve conditions on site the proposed driveway will be constructed with specialized pervious paving materials. A 1-1.5" caliper red maple (*Acer rubrum*) will be installed in the rear yard where the existing shed will be removed.

2. Explain/submit information showing why/how the proposed activity as located within the Waterway Protection Lines will not cause water pollution, erosion and/or environmentally related hazards to life and property and will not have an adverse impact on the preservation of the natural resources and ecosystems of the waterway, including but not limited to impact on ground or surface water, aquifers, plant and aquatic life, nutrient exchange and supply, thermal energy flow, natural pollution filtration and decomposition, habitat diversity, viability and productivity and natural rates and processes or erosion and sedimentation. (sec. 148-9)

   The proposed stormwater retention system will improve the environmental conditions on site by accommodating the first inch of runoff from the site's impervious surfaces. Capturing this first inch of runoff is important as it typically contains most of the suspended solids and waterborne pollutants that are found in runoff. The two trees in the front yard will be removed and the proposed red maple will provide a food source as well as habitat for the local fauna.

3. Other:_____
   _____
   _____