



NEW ENGLAND ENVIRONMENTAL SERVICES

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2021 Monitoring Report

Restoration of Riparian Habitat and Channel Stabilization

**Rope Ferry Condominiums
Waterford, Connecticut**

September 29, 2021

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The restoration of the stream channel was monitor on September 8, 2021. The survival of the Wool Grass, Tussock Sedge, Wild Blue Lupines, Swamp Milkweed, Butterfly Milkweed, and Iris Versicolor was poor. Eleven Wool Grass and Tussock Sedge plants were found. The plant plugs were shaded out by native vegetation which formed a dense stand along the stream channel.

The native plant species which colonized the bank of the stream is Smartweed, Arrow-leaf Tearthumb, Rice Cut Grass, Devil's Beggartick, and Jewelweed.

The rip-rap was placed in the stream channel below the pipe outfall on the bed of the stream.

Approximately thirteen Phragmites plants occur in the wetland and several small Multiflora Rose plants occur on the side slope. These are exotic invasive plants.

The side slope and edge of the stream channel is stabilized with a dense stand of native vegetation.

There is no exposed soil or erosion. No remedial measures are needed.



Grass area on east side of brook
September 8, 2021



Southern view of vegetated brook bank
September 8, 2021



Rip-rap at pipe outfall
September 8, 2021



Northern view of vegetated brook bank
September 8, 2021