100-Year Floodplains in the Lamprey River Watershed:
Flood Insurance Rate Maps (FIRMs), Updated (2005) Conditions, and 2100 LID Buildout

Lee Panel

Table includes acreage of flooding in bypass over the Oyster River in Durham.

Map Description:
This map illustrates the 100-year floodplain for the town of Lee for three conditions: (1) the FEMA Flood Insurance Rate Maps (FIRMs) process with base flood elevations; (2) the current floodplain based on 2005 land use conditions and updated 100-year 24-hour rainfall of 8.5" shown in pink; and (3) the projected 2100 floodplain based on a Low Impact Development (LID) buildout scenario extrapolated from 2005 land use and modeled future 100-year 24-hour rainfall of 11.4" shown in green. The map and table below show the increase in the extent of the floodplain based on current and future conditions compared to FIRMs.