

Hi Chris,

I just noticed that on Page 4 of the TMDL Draft Sandy Brook Watershed Summary, 2nd paragraph “Broad Brook” seems to be standing in for “Sandy Brook” “As shown in Figures 3 and 4, the **Broad Brook** watershed”

DRAFT Sandy Brook Watershed Summary May 2012 Sandy Brook Watershed TMDL Page **4** of **24** *Land Use*

Existing land use can affect the water quality of waterbodies within a watershed (USEPA, 2011c). Natural processes, such as soil infiltration of stormwater and plant uptake of water and nutrients, can occur in undeveloped portions of the watershed. As impervious surfaces (such as rooftops, roads, and sidewalks) increase within the watershed landscape from commercial, residential, and industrial development, the amount of stormwater runoff to waterbodies also increases. These waterbodies are negatively affected as increased pollutants from nutrients and bacteria from leaking septic systems, oil and grease from automobiles, and sediment from construction activities become entrained in this runoff. Agricultural land use activities, such as fertilizer application and manure from livestock, can also increase pollutants in nearby waterbodies (USEPA, 2011c).

As shown in Figures 3 and 4, the Broad Brook watershed consists of 82% forest, 8% water, 6% urban, and 4% agriculture. The majority of the watershed is forested, particularly in the Algonquin State Forest in Colebrook. The area surrounding the impaired segment of Sandy Brook is predominately forested, though multiple agricultural operations are located adjacent to the brook on Robertsville Road and an urban area is located at Route 20 in Riverton near the end of the impaired segment (Figure 4).

Nice work with the TMDLs. Please let me know if FRWA can help with the TMDL process in any way. Stay Cool.

Alisa