



**Table 4.4.2. Land Use**

Land Use Category	Area (Acres)	Area (Percent)
Forest, Open & Park	162.6	8.4
Pasture	0.0	0.0
Agricultural	0.0	0.0
Low Density Residential	1.6	0.1
Medium Density Residential	990.7	50.9
High Density Residential	14.4	0.7
Light Industrial, Commercial & Institutional	424.4	21.8
Heavy Industrial & Roadways	343.9	17.7
Wetlands	1.1	0.1
Watercourses & Water bodies	5.1	0.3
<b>Total</b>	<b>1,943.8</b>	<b>100.0</b>

**Table 4.4.3. Soils**

Hydrologic Soil Group	Area (Acres)	Area (Percent)
A	0.0	0.0
B	1,495.6	77.0
C	248.2	12.9
D	200.0	10.2
<b>Total</b>	<b>1,943.8</b>	<b>100.0</b>

The In-stream PSWMS consists of a main stem channel, which at its most downstream section confluences with the Sugar Creek. A schematic showing the model representation (hydraulic network along with nodes) of the sub-basin is presented on **Figure 4.4.2.1**.

### 4.4.3 Existing Conditions

One Mile Branch has experienced several developments and improvements since the 1996 MSMP. Several projects in the One Mile Branch sub-basin have been implemented as per the recommendations of the previous master plan, such as:

- Lee Street detention facility: This 2-acre detention facility just upstream of Ashley Street (between Ashley Street and Lee Street) was constructed to provide storage and treatment to about 150 acres of tributary area upstream of Ashley Street and south of E. Brookwood Drive. This detention facility provides peak flow attenuation for low flow events and mean annual flows from this tributary area.