

Project Name: City of Greensboro Water Resources

Contract Agency: City of Greensboro Water Resources

Period of Performance: Summer 2004 to present

Approximate Acreage: 45 Acres

Progress:

IPC began work for the city of Greensboro, NC 5 years ago. The project is located along 45 linear acres of streams that wind throughout the residential neighborhoods that were heavily infested with invasive species. The purpose of this project was to treat riparian sites along storm water management corridors to protect stream restoration buffers from invasives and to assure survivability of native plant restoration sites. These stream buffers are envisioned to grow and mature into healthy, diverse, naturally functioning riparian corridors which will shade the streams, limit the amount of invasive or undesirable vegetation, stabilize stream banks, and improve water quality. Another important purpose of the continued maintenance is to ensure the presence of maintenance services for the community, address the general aesthetics and ecological integrity of the stream buffers, and help the City ensure community acceptance of this newly developed stream maintenance strategy.



Most of the work at Greensboro has been along stream corridors throughout the urban neighborhoods which requires employees capable of not only controlling plants, but employees with the ability to speak to neighboring property owners when addressed.

Invasive Plants Managed for the City of Greensboro

<i>Scientific Name</i>	Common name	Cut and Treat	Girdle	Foliar Spray	Grub	Basal Bark
Tree Species						
<i>Ailanthus altissima</i>	Tree of Heaven	X	X	X	X	X
<i>Albizia julibrissin</i>	Silk tree	X	X	X	X	X
Multistemmed Species						
<i>Berberis thunbergii</i>	Japanese barberry	X		X		
<i>Ligustrum sinense</i>	Privet	X		X	X	X
<i>L. maackii</i>	Amur honeysuckle	X		X	X	X
<i>Rosa multiflora</i>	Multiflora rose	X		X		X
<i>Elaeagnus fortunei</i>	Autumn olive	X		X		X
Herbaceous Species						
<i>Microstegium vinineum</i>	Japanese stiltgrass			X	X	
Vine Species						
<i>Euonymus fortunei</i>	Climbing Euonymous	X		X	X	
<i>Lonicera japonica</i>	Japanese honeysuckle	X		X	X	
<i>Vinca minor</i>	Periwinkle			X	X	
<i>Vinca major</i>	Large-leaved periwinkle			X	X	
<i>Hedera helix</i>	English ivy	X		X	X	
<i>Wisteria spp</i>	Chinese wisteria	X		X		
<i>Ampelopsis brevipedicularis</i>	Porcelain berry	X		X		