

Project Name:

Mid Atlantic NPS EPMT

Contact:

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Activity:

On the Ground Invasive Plant Management

Approximate Area of Project:

Extends throughout 10 National Park Sites in the Mid Atlantic

Progress:

Project extends across >10 National Park properties. Largest to date was Valley Forge NP. Others include: Shenandoah NP, Gettysburg NMP, Appomattox Courthouse NHP, George Washington Birthplace NM, Petersburg NB, Richmond NB, Fredericksburg, Valley Forge NP and Spotsylvania NMP

IPC began work with the Mid Atlantic NPS EPMT in 2004. Our responsibilities range from treating Oriental Bittersweet atop the Skyline Parkway in Shenandoah National Park to treating Japanese stiltgrass in the old battlefields of Valley Forge National Park. This is a 5-year contract.

Activity: IPC controlled the species listed on the following page utilizing an integrated pest management strategy that includes mostly chemical and mechanical control. Control had to be selective in nature due to the proximity to desirable species. The sites worked were classified as a medium to high intensity infestation prior to the control effort.



IPC began work on Valley Forge National Park in 2005. The primary targets for control were bush honeysuckle and ailanthus. Japanese stiltgrass will be controlled in the future.

Invasive Pest Plants Controlled for the NPS Mid Atlantic EPMT

<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
<i>Morus alba</i>	White mulberry					
<i>Acer sp.</i>	Norway and Japanese maple	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
<i>Viburnum dilatatum</i>	Linden viburnum	X		X	X	X
<i>Viburnum plicatum</i>	Double file viburnum	X		X	X	X
<i>Ilex japonica</i>	Japanese holly	X		X	X	X
<i>Hibiscus syriacus</i> L.	Rose of Sharon	X		X	X	X
Herbaceous Species						
<i>Polygonum cuspidatum</i>	Japanese knotweed			X	X	
<i>Microstegium vinineum</i>	Japanese stiltgrass			X	X	
<i>Alliaria petiolata</i>	Garlic mustard			X	X	
<i>Centaurea stoebe</i> ssp.	Spotted knapweed			X		
<i>Schedonorus phoenix</i>	Tall fescue			X		
<i>Sorghum halepense</i>	Johnsongrass			X		
Vine Species						
<i>Euonymus fortunei</i>	Climbing Euonymous	X		X	X	
<i>Celastrus orbiculata</i>	Oriental bittersweet	X		X	X	
<i>Lonicera japonica</i>	Japanese honeysuckle	X		X	X	
<i>Vinca minor</i>	Periwinkle			X	X	
<i>Vinca major</i>	Large-leafed 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		