

Rahway River Basin, New Jersey
Flood Risk Management Feasibility Study

APPENDIX A2

Vegetation List

**Rahway River Basin Flood Risk Management Study
Vegetation Observed During Field Investigations**

Cover type	Common Name	Scientific Name	Lenape Park and Nomahegan Park					Robinson's Branch			South Mountain
			NW	SW	SE	NE	Oxbow	Upper	Middle	Lower	
T	American elm	<i>Ulmus Americana</i>	X	X	X						
T	Ash	<i>Fraxinus spp.</i>	X	X			X	X			
T	Basswood	<i>Tilia Americana</i>								X	
T	Beech	<i>Fagus grandifolia</i>									X
T	Black cherry	<i>Prunus serotina</i>		X			X				
T	Blackgum	<i>Nyssa sylvatica</i>			X						
T	Box elder	<i>Acer negundo</i>			X		X	X			
T	Catalpa	<i>Catalpa sp.</i>					X				
T	Eastem cottonwood	<i>Populus deltoides</i>		X	X						
T	Hickory	<i>Carya spp.</i>	X								X
T	Ironwood	<i>Carpinus caroliniana</i>						X			
T	Mulberry	<i>Morus spp.</i>						X			X
T	Norway maple (I)	<i>Acer platanoides</i>					X	X	X		
T	Oak	<i>Quercus spp.</i>						X	X	X	
T	Red maple	<i>Acer rubrum</i>	X	X	X					X	X
T	Pin oak	<i>Quercus palustris</i>		X	X		X			X	
T	Red oak	<i>Quercu srubra</i>						X			X
T	Silver maple	<i>Acer saccharinum</i>	X			X	X		X	X	
T	Sugar maple	<i>Acer saccharum</i>						X			X
T	Swamp White Oak	<i>Quercus bicolor</i>					X				
T	Sweetgum	<i>Liquidambar styraciflua</i>	X		X	X	X				
T	Sycamore	<i>Platanus occidentalis</i>	X	X	X	X	X	X			
T	Tulip tree	<i>Linodendron tulipifera</i>			X						
T	Willow	<i>Salix spp.</i>					X				
S	Honeysuckle	<i>Lonicera sp.</i>					X				X
S	Arrowwood	<i>Viburnum dentatum</i>		X	X		X	X			X
S	Dogwood	<i>Comus sp.</i>		X	X		X				
S	Holly	<i>Ilex sp.</i>			X						

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S	Multiflora rose (I)	<i>Rosa multiflora</i>		X	X						
S	Red osier dogwood	<i>Cornus stolonifera</i>									X
S	Rubus	<i>Rubus spp.</i>					X				
S	Sumac	<i>Rhus typhina</i>							X		
S	Winged euonymus	<i>Euonymus sp.</i>									X
V	Grape	<i>Vitis spp.</i>	X			X	X	X	X		
V	Green Briar	<i>Smilax sp.</i>					X	X		X	
V	Japanese hops (I)	<i>Humulus japonicus</i>								X	
V	Nightshade	<i>Solanum dulcamara</i>	X					X			
V	Poison ivy	<i>Toxicodendron radicans</i>	X	X	X	X		X	X		
V	Virginia creeper	<i>Parthenocissus quinquefolia</i>	X	X		X	X	X			
H	Arrow arum	<i>Peltandra virginica</i>		X							
H	Poa grass	<i>Poa spp.</i>					X	X		X	
H	Arrowleaf tearthumb	<i>Persicaria sagittata</i>			X		X				
H	Aster	<i>Asteraceae sp.</i>			X		X				
H	Cattails	<i>Typha spp.</i>			X		X				X
H	Chicory	<i>Cichorium intybus</i>			X						X
H	Cinnamon fern	<i>Osmundastrum cinnamomeum</i>		X			X				X
H	Clover	<i>Trifolium pratense</i>		X							X
H	Common reed	<i>Phragmites australis</i>		X							X
H	Creeping jenny	<i>Lysimachia nummularia</i>	X	X	X	X	X	X		X	X
H	Garlic mustard (I)	<i>Alliaria petiolata</i>	X	X	X	X	X	X		X	X
H	Goldenrod	<i>Solidago spp.</i>	X	X	X		X			X	
H	Deer Tongue	<i>Dicanthelium spp.</i>		X			X				
H	Dock	<i>Rumex spp.</i>					X				
H	Grass	<i>Gramineae</i>	X	X	X	X	X	X	X	X	X
H	Ground ivy	<i>Glechoma hederacea</i>	X	X	X	X					
H	Japanese knotweed (I)	<i>Fallopia japonica</i>	X	X	X	X	X			X	
H	Japanese spurge (I)	<i>Pachysandra terminalis</i>					X				
H	Japanese stiltgrass (I)	<i>Microstegium vimineum</i>			X		X				

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H	Jewelweed	<i>Impatiens capensis</i>	X				X		X	X	X
H	Lambs quarters	<i>Chenopodium album</i>	X					X			
H	Loosestrife	<i>Lythrum spp.</i>			X				X		
H	Mallow	<i>Althaea spp.</i>		X							
H	Milkweed	<i>Asclepias spp.</i>			X						
H	Moss	<i>Bryophyta</i>	X	X	X	X	X	X	X	X	X
H	Mugwort	<i>Artemisia vulgaris</i>							X	X	
H	Pennsylvania knotweed	<i>Polygonum pennsylvanicum</i>	X	X	X	X	X	X	X	X	X
H	Pineapple weed	<i>Matricaria discoidea</i>						X			
H	Plantain	<i>Plantago spp.</i>						X			
H	Pokeweed	<i>Phytolacca americana</i>		X					X		
H	Purple loosestrife	<i>Lythrum salicaria</i>						X			
H	Queen Anne's lace	<i>Daucus carota</i>			X						
H	Reed canary grass	<i>Phalaris arundinacea</i>			X		X				X
H	Sedge	<i>Carex spp.</i>	X	X	X		X				X
H	Sedge	<i>Carex Lurida</i>					X				x
H	Sedge	<i>Carex Setaria</i>		X			X				
H	Sensitive fern	<i>Onoclea sensibilis</i>		X							X
H	Skunk cabbage	<i>Symplocarpus foetidus</i>		X							
H	Soft rush	<i>Juncus effusus</i>		X	X		X				X
H	Stinging nettle	<i>Urtica dioica</i>			X		X				
H	Timothy	<i>Phleum pratense</i>		X							X
H	Violet	<i>Viola sp.</i>	X	X	X						X
H	Wild onion	<i>Allium canadense</i>			X						X
H	Woolgrass	<i>Scirpus cyperinus</i>		X			X				

Notes:
X = Observed on site.
T = Tree; S = Shrub; V = Vine; and H = Herbaceous I = Listed as an invasive species in NJ