

# Natural Area Mapping and Inventory of Forest Park November 1988 Survey



Prepared by the Natural Resources Group  
Michael R. Bloomberg, Mayor  
Adrian Benepe, Commissioner

# **Forest Park Natural Area Mapping & Inventory**

**Surveyed November 1988**

**538 acres**

## ***Introduction***

City of New York Parks & Recreation (DPR) manages one of the most extensive and varied park systems of any city in the world. These 29,000 acres of city park property occupy about 15 percent of New York City's total area. In addition to flagship parks such as Central Park and Prospect Park, the city's parklands include over 11,000 acres of natural areas.

Until the 1980's, the Parks Department was primarily concerned with developed landscapes and recreation facilities rather than natural areas. In the absence of a comprehensive management policy, these areas succumbed to invasive species, pollution and erosion.

In 1984, Parks established the Natural Resources Group (NRG) with a mandate to acquire, restore and manage natural areas in New York City. The wetlands, forests, meadows, and shorelines under NRG's jurisdiction provide valuable habitat for hundreds of species, from rare wildflowers to endangered birds of prey. In addition to the goals mentioned above, NRG serves as a clearinghouse for technical research to aid in the protection and restoration of the city's natural resources. This inventory of Forest Park was conducted in 1988 as part of NRG's commitment to improving the natural areas of New York City parks.

Forest Park is the third largest park in Queens. The History of Forest Park dates back to 1895 when officials of Brooklyn's western district began to search for a place to develop a recreational facility for their constituents who were living in greatly overcrowded conditions. The original aim was to purchase 500 acres of land that would connect to a series of "greenbelts" and extend from the Atlantic Ocean to the Long Island Sound. The site selected for the new park was a large wooded area, located in Queens County. On August 9, 1895, the first parcel of land in what would later become Forest Park was purchased. Because of the numerous landowners involved, the park had to be procured in 124 parcels. When the last of the 538 acres of land was obtained in 1898, Brooklyn and Queens were part of New York City, and thus the original name of the planned park, Brooklyn Forest Park, was shortened to its present title. Conceived by Frederick Law Olmsted, the wandering design of the park's main drive offers the pastoral quality evident in other New York City flagship parks planned by the renowned architect.

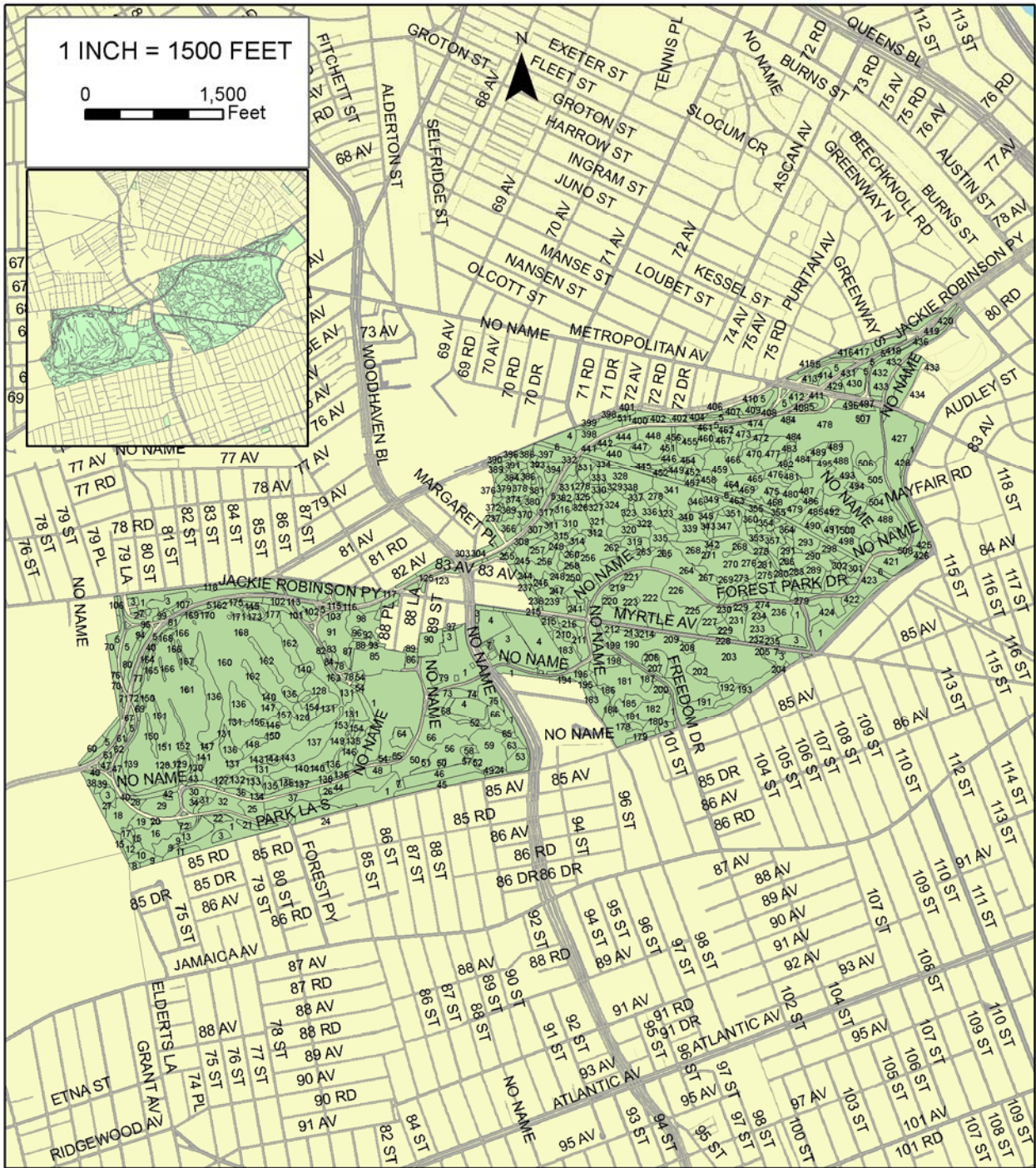
Environmental features of the park are plentiful. Kettle holes, knobs, boulders and a rocky terrain are remnants of the region's glacial past. With specimens over 150 years old, the 413 acres of native red and white oak forest is another natural attraction of the park. After exploring the largest continuous oak forest in the country, arboreal-minded citizens can walk through the pine grove, a stand whose beginnings can be traced to the planting of 2,500 trees in 1914.

To facilitate the protection, management and restoration of Forest Park, NRG completed an inventory of the area using entitiation, a process of identifying and describing ecologically distinct plant communities. Using aerial photographs and field reconnaissance, Parks staff delineated distinct ecological entities, known as entitiation units, based on cover type, understory structure, species composition, and topography. Evidence of historical use, current use, environmental disturbance, and additional notes were also recorded for each unit. Entitiation of Van Cortlandt Park resulted in a map and database that can be used to locate valuable and threatened areas. They also serve as a baseline for measuring change over time.

## *Entitation*

Entitation is a type of plant community inventory well suited to the patchy environments often found in urban areas. Originally designed for European landscapes, the system was revised by NRG in 1985 for use in urban parkland. NRG has used entitation widely and successfully to facilitate acquisition and restoration decisions. Put simply, entitation is a process of breaking up a park into manageable parts called “entities” or “entitation units.” Entitation units are defined using a weighted list of criteria. The first level of distinction is based on cover type (e.g. closed forest, vineland, scrub), followed by canopy species composition, understory type (e.g. herbs, vines, shrubs), and understory species composition. Additional factors, such as topography and soil condition (e.g. wet, moist, dry) are also taken into account.

To prepare for fieldwork, mapping technicians examine aerial photographs and delineate areas of similar cover. The mapping staff use the aerial information to create a strategy for covering land area. In the field, boundaries are identified as described above. For each unit, staff record the data listed above, as well as current uses, environmental disturbances, historical indicators, community stability, and comments.



1 INCH = 1500 FEET

0 1,500 Feet

ENTITATION UNITS - NOVEMBER 1988  
 FOREST PARK  
 QUEENS COUNTY, CITY OF NEW YORK



**City of New York  
 Parks & Recreation  
 Natural Resources Group**

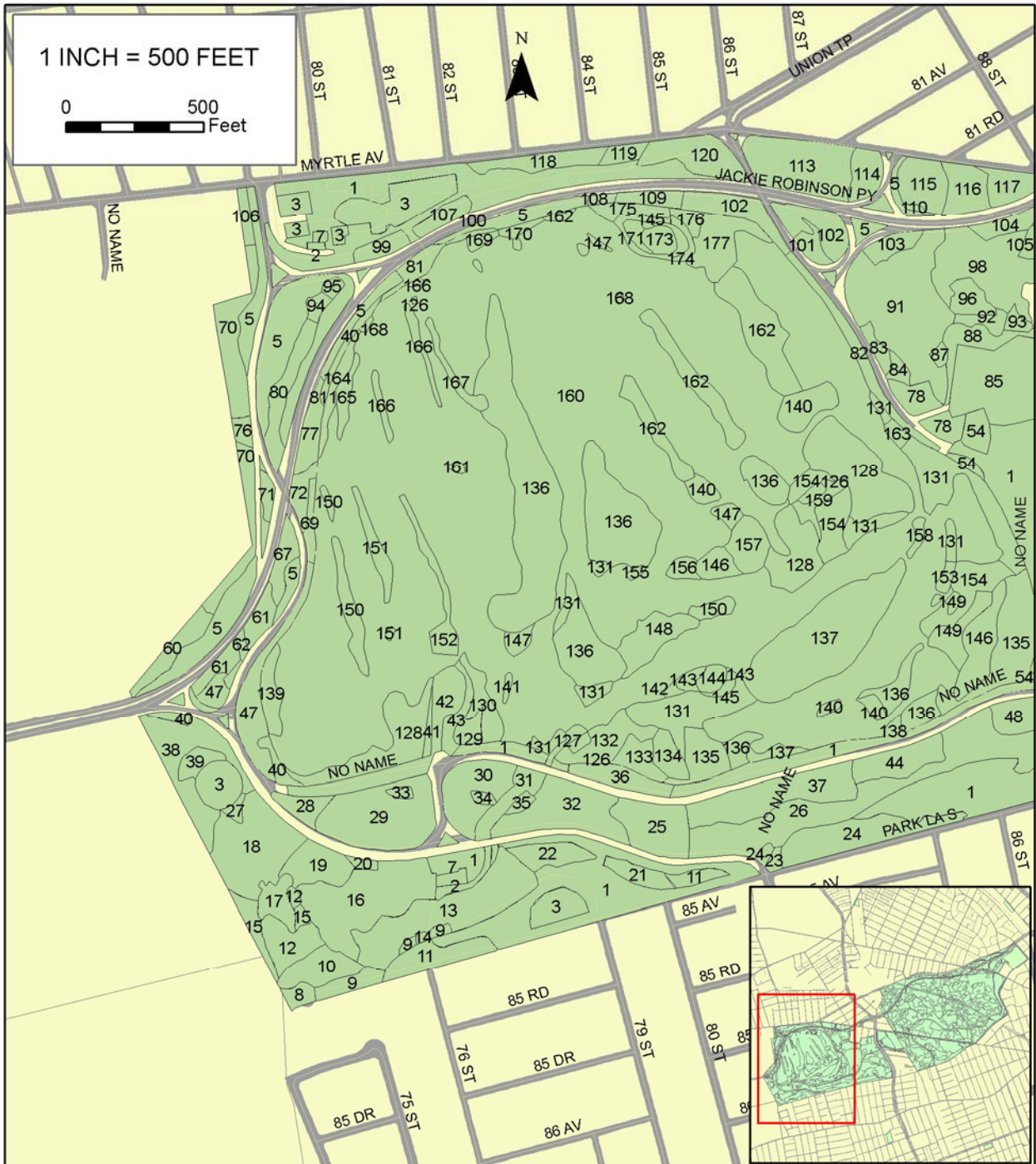
Arsenal North, 1234 Fifth Avenue, New York, NY 10029

Michael R. Bloomberg, Mayor  
 Adrian Benepe, Commissioner

07/26/2007

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2007.07.26.1



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*Arsenal North, 1234 Fifth Avenue, New York, NY 10029*

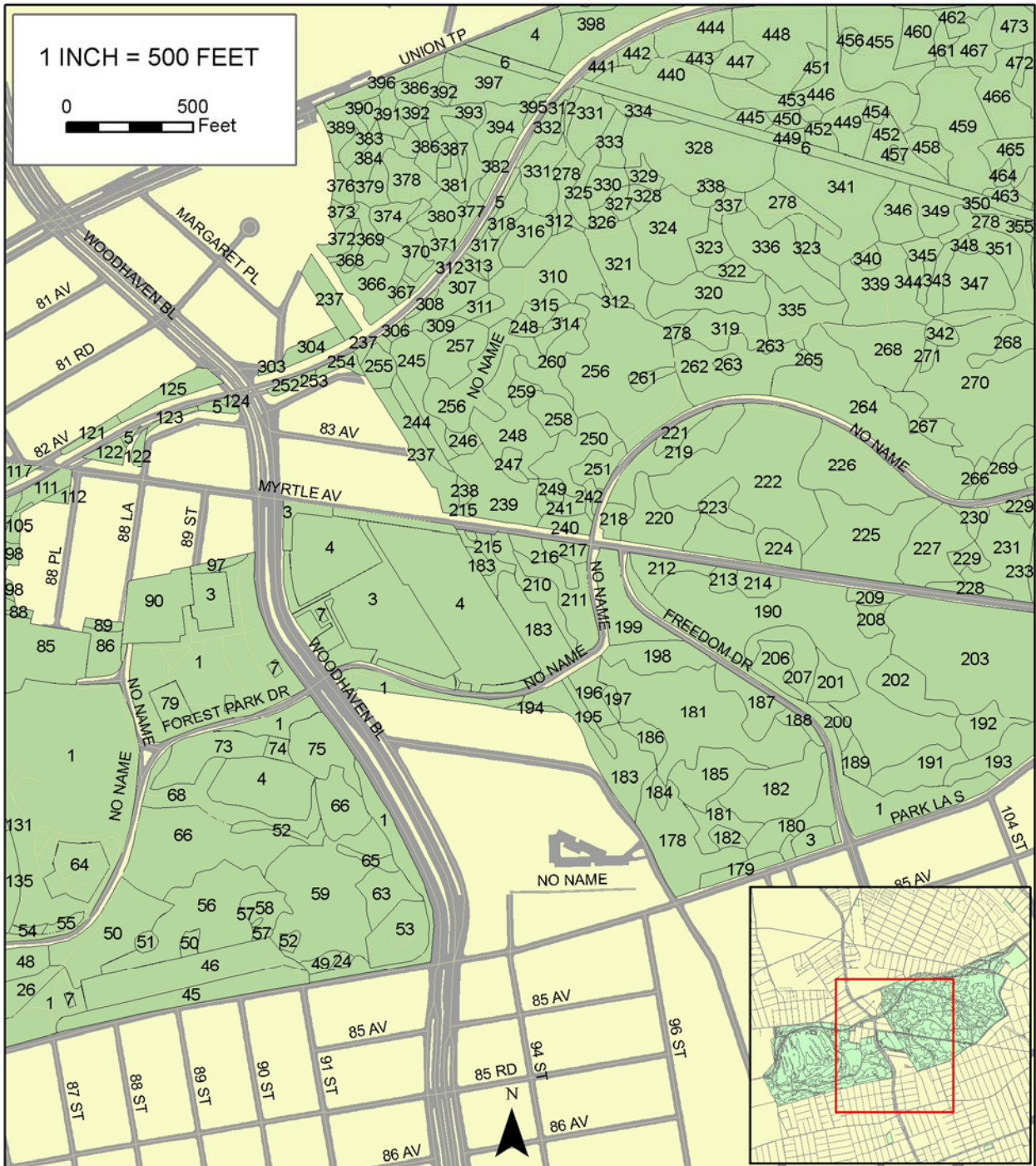
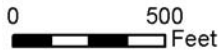
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1 INCH = 500 FEET



ENTITATION UNITS - NOVEMBER 1988  
FOREST PARK  
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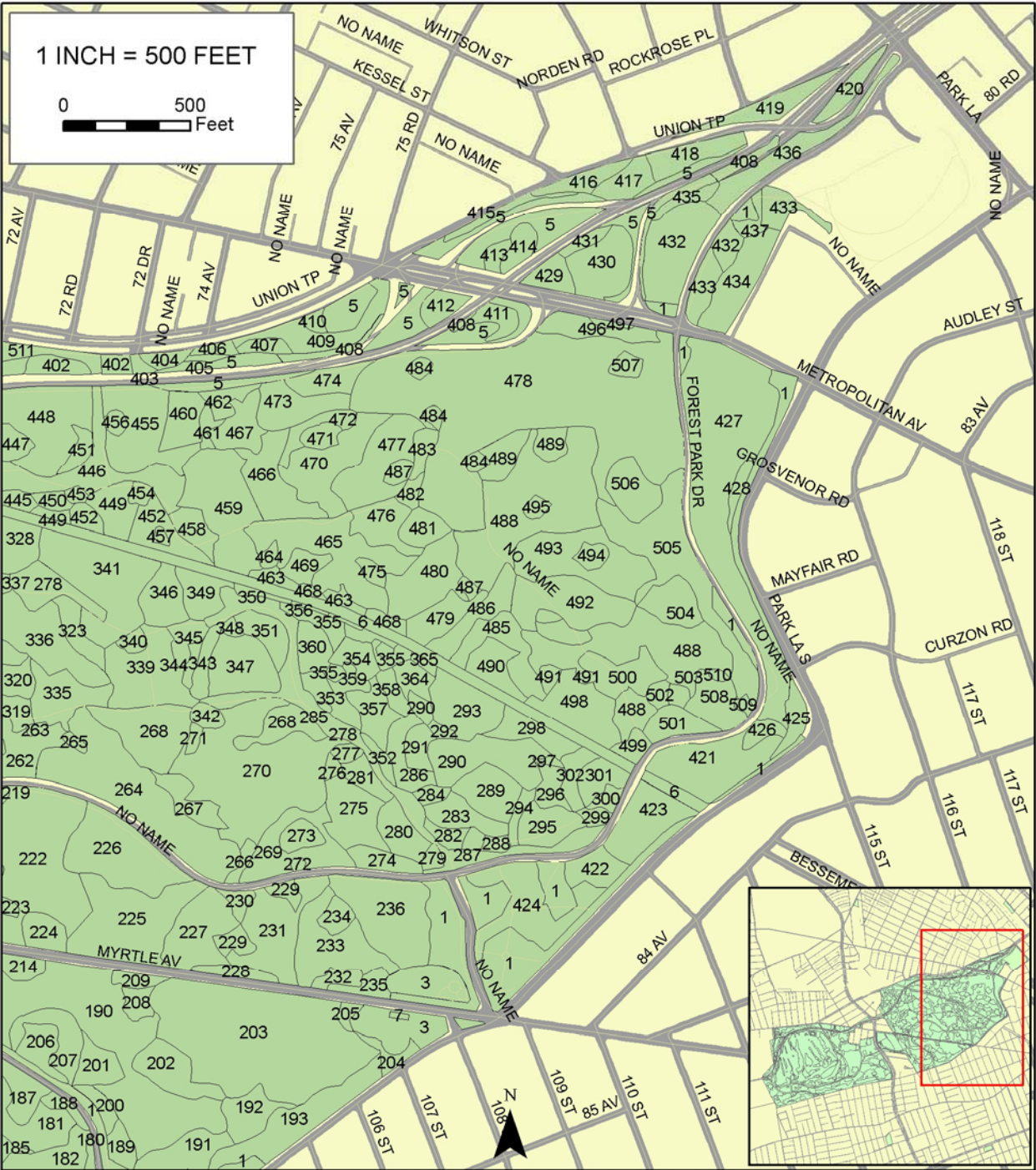
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**Unit:** 1  
**Acreage:** 44.47  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Undulating Dry/Moist	Red oak	>30'		Full-crown Road	Foot traffic Picnic Vehicle access	Soil compaction Erosion Trash

**Comments:**

All maintained, landscaped areas in Forest Park. Most contain large oaks (red, black, white), also Norway maple, flowering dogwood, black cherry, black locust, basswood, eastern red cedar, blue spruce, horse chestnut, crabapple, etc. Major environmental problem is soil compaction and erosion. Ground cover is CSG and other herbaceous plants.

**Unit:** 2  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert  Level Dry					Parking lot Vehicle access	

**Comments:**

Parking lots (both public and private) in Forest Park, not including Forest Park Shops and Greenhouse, locked (permit only) parking lots.

**Unit:** 3  
**Acreage:** 9.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert					Sports	
Level						
Dry						

**Comments:**

All paved active recreation areas in Forest Park: handball, tennis and basketball courts, playgrounds, running track, etc. Well maintained. Some trees included: London planetree, red oak, Norway maple, etc.

**Unit:** 4  
**Acreage:** 9.46  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Cool season grass	<5'			Sports Vehicle access	Soil compaction
Hemicryptophytes						
Dry/Moist						

**Comments:**

All active recreation areas in Forest Park with herbaceous vegetation such as ball fields and playgrounds. Other species are white clover, common and English plantain, and dandelions. Some units include large scattered trees.

**Unit:** 5  
**Acreage:** 10.75  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Cool season grass	<5'	Yes	Landfill	Vehicle access	Auto Trash
Hemipterophytes Level Dry/Moist						

**Comments:**

Highway edges of mowed grass. Some trash and vehicle access. Maintained by DPR or DOT. Other species are bedstraw, dandelion, and red and white clovers. Some units contain large scattered trees.

**Unit:** 6  
**Acreage:** 4.38  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Landfill	Railroad	
Level Dry						

**Comments:**

All active tracks of the Long Island Railroad Montauk line.

**Unit:** 7  
**Acreage:** 0.61  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert						
Level						
Dry						

**Comments:**

Buildings in Forest Park including Forest Park golf house, and Park buildings at the tennis courts, Dry Harbor Playground, east and west of Metropolitan Avenue just north of West Main Drive, and at the corner of Myrtle Avenue and Park Lane South.

**Unit:** 8  
**Acreage:** 0.21  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Sweetgum	All			Foot traffic	Erosion Soil compaction Vandalism

**Comments:**

Steep slope forested with sweetgum. Some black cherry and pin oak, lots of young Sassafras and sweetgum. MC: Eroded paths leading down slopes, cemetery fence vandalized. Other species are Japanese honeysuckle, white snakeroot, poison ivy, catbrier, Norway maple on Park Lane South edge. Could develop dumping problem here (guardrail, bollards?).

**Unit:** 9  
**Acreage:** 0.49  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Slope Dry/Moist	Ailanthus	5-30' & <5'	Yes		Foot traffic	Erosion Dumping

**Comments:**

Edge of Ailanthus off Park Lane south and just off footpath in the other areas. MC: Soil erosion and organic dumping from houses across street. Other plants include: rose, Norway maple, mulberry, black cherry, pin oak, Sassafras, sweetgum, white vervain, elderberry, lamb's quarters, Japanese honeysuckle, and Virginia knotweed.

**Unit:** 10  
**Acreage:** 0.69  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Pin oak	>30' & 5-30'			Foot traffic	Erosion Soil compaction

**Comments:**

Steep slope covered in pin oak. Some red oak, black cherry, and large Sassafras. Lots of Sassafras regeneration. MC: Eroded pathways. Other plants include: hickory sp., Japanese honeysuckle, catbrier, goldenrod, Virginia knotweed, white wood aster, heart-leaved aster, sweetgum less than 5', Ailanthus and poison ivy.

**Unit:** 11  
**Acreage:** 0.93  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Norway maple	5-30' & <5'	Yes		Foot traffic	Erosion Vandalism Dumping

**Comments:**

Strip of Norway maple off of Park Lane South. MC: Slope is very steep, ground unvegetated below maple - severe erosion. Some organic dumping near roads. Stone stairs vandalized. Few other plants are mulberry, black cherry, hawthorn, sweetgum, Japanese knotweed, lamb's quarters, garlic mustard, Asiatic dayflower, pokeweed, goldenrod and deadly nightshade.

**Unit:** 12  
**Acreage:** 0.79  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Undulating Dry/Moist	Black cherry Mugwort	>30' & 5-30' <5'	Yes	Landfill	Foot traffic Campfire/ party Vehicle access	Trash Soil compaction Vandalism

**Comments:**

Black cherry woodland with mugwort beneath. MC: Lots of campfire/picnic areas with glass and trash surrounding them. Other plants include red oak, pin oak, Ailanthus, sweetgum, Rubus, Japanese honeysuckle, agrimony, Virginia knotweed, path rush, white snakeroot, and lady's thumb.

**Unit:** 13  
**Acreage:** 2.20  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	All		Phone pole	Foot traffic	Erosion
Deciduous	Hickory spp	>30' & 5-30'				Dumping
Phanerophytes	White oak	>30'				
Slope	Red oak	>30'				
Dry/Moist		>30' & <5'				
	Sassafras					

**Comments:**

Large forested area, steep slope. Mostly sweetgum, especially to the east, hickory and oaks mixed in. Lots of Sassafras <10', less in eastern part of unit. Good deal of black cherry throughout. Other plants are pin oak, Norway maple, white wood aster, enchanter's nightshade, Virginia knotweed, etc. MC: Erosion.

**Unit:** 14  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	5-30' & <5'			Foot traffic	Trash
Deciduous	Rose	5-30' & <5'	Yes			
Lianas						
Slope						
Dry/Moist						

**Comments:**

Small vineland of wild grape on top of rose and Rubus. Some Norway maple and Ailanthus saplings. Other plants are goldenrod, pokeweed, Virginia knotweed, Japanese honeysuckle, selfheal, and deadly nightshade.

**Unit:** 15  
**Acreage:** 0.51  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All			Foot traffic	Erosion
Deciduous	Rose	5-30' & <5'	Yes			Vandalism
Chamaephytes	Bittersweet	All	Yes			Trash
Slope						
Dry/Moist						

**Comments:**

Small strip of viney-scrubby black cherry forest. May become a vineland. Other plants are mugwort, Rubus, mulberry, Japanese honeysuckle, arrowwood, catbrier, white snake root, pokeweed, Virginia knotweed and enchanter's nightshade. Compacted path, cemetery fence.

**Unit:** 16  
**Acreage:** 2.32  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'		Foundation	Foot traffic	Soil compaction
Deciduous	Black cherry	All				Dirt bike
Hemicryptophytes						Fire
Undulating						
Dry/Moist						

**Comments:**

Oak woodland (red mostly, some black, white and pin) with many black cherry. Topography undulating, probably dirt bike area. MC: Soil compacted. Understory mostly open, some Sassafras, ragweed, white snakeroot, 3-sided mercury, asters, and goldenrod. Other plants include sweetgum, flowering dogwood, black birch, hickory spp., Ailanthus, Rubus, elderberry, Virginia knotweed, honewort, and enchanter's nightshade.

**Unit:** 17  
**Acreage:** 0.43  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Redtop grass	<5'			Foot traffic	Dirt bike
	Crabgrass	<5'	Yes		Bike/ ATV	Soil compaction
Hemicryptophytes	Little bluestem	<5'				Erosion
Knoll	Goldenrod	<5'				
Dry						

**Comments:**

Open grassy, denuded clearing, probably used by dirtbikes. Soil compacted, eroded paths, area burns (MC). Other plants include love-grass, common ragweed, panicled tick trefoil, purple-top grass, smooth and shining sumacs, black cherry <5', heath aster, path rush, hawkweed, bayberry, and butterflyweed.

**Unit:** 18  
**Acreage:** 1.92  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All			Foot traffic	Erosion
Deciduous	Sweetgum	All			Campfire/ party	Soil compaction
Phanerophytes	Black oak	>30' & 5-30'			Vehicle access	Trash
Undulating	Pin oak	>30 & 5-30'				
Dry/Moist						

**Comments:**

Large forest of above trees, evenly mixed throughout. Some open grassy clearings with campfires, many compacted footpaths, one large eroded path. MC: vehicle access. Other plants include white oak, red oak, arrowwood, black birch, Sassafras, mapleleaf viburnum, poison ivy, bittersweet, mugwort, white wood aster, Virginia knotweed, enchanter's nightshade, and English ivy.

**Unit:** 19  
**Acreage:** 0.72  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Erosion
Deciduous	Black cherry	All			Vehicle access	Soil pits
Chamaephytes						Trash
Slope						
Dry/Moist						

**Comments:**

An oak/cherry forest on a steep slope just west of the Forest Park golf house and south of West Main Drive. The unit also has a couple black birch, 1 black oak, sweetgum, and a small patch of Ailanthus. MC: Severely eroded walking paths, large pit, trash, and vehicle access despite dirt berms. Other species are arrowwood, mapleleaf viburnum, poison ivy, Virginia creeper, aster, false Solomon's seal, etc.

**Unit:** 20  
**Acreage:** 0.72  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	5-30' & <5'			Foot traffic	Erosion
Deciduous	Red oak	>30' & 5-30'				Trash
Phanerophytes	Sweetgum	5-30'				
Slope						
Dry/Moist						

**Comments:**

Small crescent of black birch mixed with young red oaks and sweetgum. Understory of black birch saplings. Some black cherry and pin oak. MC: Soil erosion. Other plants are blue-stemmed goldenrod, white wood aster, enchanter's nightshade, true and false Solomon's seal, Virginia creeper, helleborine, and Norway maple <5'.

**Unit:** 21  
**Acreage:** 0.36  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	5-30'		Exotic planting	Foot traffic	Soil compaction
Deciduous	Black cherry	5-30'				
Geophytes	Japanese knotweed	5-30' & <5'	Yes			
Slope	Mugwort	5-30' & <5'	Yes			
Dry/Moist						

**Comments:**

Steep slope probably planted with pin oak and linden. Lower layer of Japanese knotweed, some mugwort on edges. Some black cherry mixed in, also Norway maple and mulberry. Other plants are great ragweed, rose, and privet. MC: Soil compaction, replace knotweed with more desirable vegetation.

**Unit:** 22  
**Acreage:** 0.54  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All			Foot traffic	Erosion
Deciduous						Soil compaction
Phanerophytes						Trash
Slope						
Dry/Moist						

**Comments:**

Steep slope near Forest Park golfhouse from Forest Parkway. Vegetated with black cherry, some silver maple, Norway maple, Ailanthus, Sassafras and black oak. Young pin oak further east. Other species are sweetgum, rose, honewort, Virginia knotweed, wood aster, arrowwood, and Japanese honeysuckle.

**Unit:** 23  
**Acreage:** 0.11  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes	Landfill	Foot traffic	Trash
Deciduous	Ailanthus	<5'	Yes			Erosion
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

A small area of mugwort and Ailanthus at the staircase entrance to the park at the corner of Park lane South and Forest Parkway. It appears as though this herbaceous area is cut at least once a year. There's some trash and erosion on the slope. Other species: CSG along the road, Queen Anne's lace, red clover, and more.

**Unit:** 24  
**Acreage:** 1.62  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Landfill	Foot traffic	Erosion
Deciduous	Norway maple	All	Yes			Soil compaction
Phanerophytes						Trash
Slope						
Dry/Moist						

**Comments:**

A long but narrow edge unit of nonconnecting sections along Park Lane South. There are only a few other trees of Sassafras, red oak, and sweetgum. The understory is sparse but mostly regenerating Norway maple and black cherry. MC: There are many short highly compacted and eroded trails out to the sidewalk; lots of trash. There is a strip of maintained lawn along Park Lane South. Other species: CSG, Japanese honeysuckle, path rush, violet spp., and more.

**Unit:** 25  
**Acreage:** 1.04  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	>30' & <5'		Exotic planting	Foot traffic	Trash
Deciduous	White oak	>30'		Full-crown		Soil compaction
Phanerophytes	Black cherry	All		Landfill		Erosion
Slope	Red oak	>30' & <5'				
Dry/Moist						

**Comments:**

A sweetgum dominated slope bordering West Main Drive and Forest Parkway. The unit has planted pin oaks along the street, a sidewalk and many compacted foot trails. There's a bit of black cherry and Sassafras regeneration mixed with the mapleleaf viburnum in the understory. MC: Might suggest a patrol for drug use -- hypo-needles found; trash. Other species: 1 American beech, London plantetree, black oak, Norway maple, catbrier, white wood aster and more.

**Unit:** 26  
**Acreage:** 3.39  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Landfill	Foot traffic	Soil compaction
Deciduous	Sassafras	All			Vagabond	Erosion
Phanerophytes						Trash
Slope						
Dry/Moist						

**Comments:**

This is a long narrow strip of forest of the above species. The unit includes part of the stairway from Forest Parkway to Park Lane South. MC: Most of the unit is highly compacted and eroded from walking paths, hang-out spot and previous landfill; lots of trash; vagabond presence; might suggest a patrol for drug use. The understory is mixed with regenerating Sassafras, black cherry, and Norway maple. Other species: Japanese honeysuckle, rose, Ailanthus, black locust and more.

**Unit:** 27  
**Acreage:** 0.16  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes	Benches	Foot traffic Vehicle access	Trash Erosion
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Small wedge of mugwort (overgrown maintained area) with several new benches buried in vegetation (MC). Also MC: less vehicle access on wide eroded path. Other plants include Rubus, Virginia knotweed, Ailanthus, pokeweed, lady's thumb, three-seeded mercury, and common plantain.

**Unit:** 28  
**Acreage:** 0.38  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All			Foot traffic	Trash
Deciduous	Sweetgum	>30' & 5-30'				Vandalism Erosion
Lianas						
Undulating						
Dry/Moist						

**Comments:**

A very disturbed forest of black cherry, sweetgum, Norway maple, red oak, and box elder. The understory is a mat of English ivy and Virginia creeper in some trees. The unit is bounded by a fence along the golf course parking lot and West Main Drive. MC: Extensive dumping of trash, vandalized fencing, and some erosion. Other species: white ash, Japanese honeysuckle, elderberry, and more. Sidewalk included.

**Unit:** 29  
**Acreage:** 2.03  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'		Landfill	Foot traffic	Dumping
Deciduous	Black cherry	All				Trash
Chamaephytes						Erosion
Undulating						
Dry/Moist						

**Comments:**

A very disturbed closed forest bounded by eight foot link fencing. The unit borders the golf course parking lot and West Main Drive. It's basically an oak/black cherry forest with some hickory spp., tulip tree and Norway maple. The understory has some young black cherry but is dominated by mapleleaf viburnum. MC: Extensive dumping and trash; erosion on all slopes; and vandalized fencing. Other species are sweet cecily, Japanese knotweed, Virginia knotweed, enchanter's nightshade, aster, black birch, and more.

**Unit:** 30  
**Acreage:** 1.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'		Exotic planting	Foot traffic	Trash
Deciduous	Black cherry	All		Full-crown		Soil compaction
Phanerophytes						Erosion
Undulating						
Dry/Moist						

**Comments:**

This unit is a red oak/black cherry forest bounded by West Main Drive and a paved walking path. Much of the ground is leaf litter with scattered regeneration of black cherry and Sassafras. The unit includes a sidewalk and active foot trails. Other species: Black birch, Ailanthus, poison ivy, Japanese honeysuckle, flowering dogwood, and a few eastern red cedar.

**Unit:** 31  
**Acreage:** 0.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Undulating Dry/Moist	Red oak	>30'		Exotic planting	Foot traffic	Trash Vandalism

**Comments:**

A small strip of mostly planted red oaks with a couple of large black cherry bordering a paved path leading to the golf course. Most of the understory is herbaceous groundcover. There are a few planted rose-of-sharon along West Main Drive. Other species: white wood aster, enchanter's nightshade, dogbane, poison ivy, rose, Ailanthus, ( less than 5') and more.

**Unit:** 32  
**Acreage:** 1.59  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Red oak Black cherry London planetree Sassafras Pin oak	All All > 30' All > 30'		Full-crown Landfill Yes	Foot traffic	Trash Soil compaction Erosion

**Comments:**

This is a steeply sloping red oak and black cherry forest between West Main drive and forest Parkway. There are some large planted London planetree and pin oaks. Sassafras is mixed throughout the unit. The understory has regenerating black cherry, Sassafras, and Norway maple. MC: Area needs to be patrolled for drug use. Other species: arrowwood, Ailanthus, aster and more.

**Unit:** 33  
**Acreage:** 0.06  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Elderberry Dogwood sp.	5-30' & <5' <5'			Foot traffic	Auto Dumping Fire
Chamaephytes Depression Moist						

**Comments:**

A very disturbed depression in an area bounded by eight foot fencing opposite the golf house. This is a small scrub community of elderberry, dogwood sp., and mapleleaf viburnum. MC: Abandoned auto; extensive dumping; fire is evident. The unit has a large fallen oak through the center but no standing trees. Other species: Jack-in-the-pulpit, arrowwood, black cherry (less than 5'), mulberry, and more.

**Unit:** 34  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	5-30' & <5'	Yes		Foot traffic	Trash
Deciduous	Black cherry	5-30' & <5'				
Phanerophytes Slope Dry/Moist	Sassafras	5-30' & <5'				

**Comments:**

This is a small thicket-like woodland of the above species. Most trees around 15' with some openings of wineberry and herbaceous spp. Other species: wineberry, Rubus, tulip tree (<5), red oak, aster, rose, and more.

**Unit:** 35  
**Acreage:** 0.11  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Porcelainberry	<5'	Yes		Foot traffic	Trash
	Japanese honeysuckle	<5'	Yes			
Lianas Level Dry/Moist	Rubus	<5'				

**Comments:**

This unit is a small vine-scrub unit mixed with rose, deadly nightshade, and some small Ailanthus. There's an active walking path through the unit. Other species: Mugwort, burdock spp., common plantain, white wood aster, pokeweed, elderberry, red clover sweet white clover, enchanter's nightshade, English plantain, wineberry, smartweed, orchardgrass and more.

**Unit:** 36  
**Acreage:** 0.56  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>30'		Landfill	Foot traffic	Trash
Deciduous	Sassafras	All		Tree wells		
Hemicryptophytes	Black cherry	All				
Undulating Dry/Moist	Red oak	>30 & 5-30'				

**Comments:**

This is a thin strip of mixed forest along the West Main Drive and the Forest Park golf course. The pin oaks are planted along the drive. Most of the understory is white wood aster, goldenrod, Virginia knotweed, and enchanter's nightshade. A sidewalk transects the unit. Other species: Ailanthus, white oak, poison ivy, smartweed, flowering dogwood, and more.

**Unit:** 37  
**Acreage:** 1.64  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	>30'		Landfill	Foot traffic	Trash
Deciduous	Black cherry	All				Soil compaction
Hemicryptophytes	Red oak	>30'				Erosion
Slope						
Dry/Moist						

**Comments:**

This is a tulip tree and black cherry forest along the slope from West Main Drive. The unit includes a paved sidewalk, part of the staircase and many compacted walking trails. The understory is mostly herbaceous with some regeneration of Sassafras and some Rubus. MC: Lots of trash, compaction and erosion on the trail system, vandalized street lamps. Other species: Ailanthus, rose, catbrier, enchanter's nightshade, aster, Virginia knotweed, sweetgum, and more.

**Unit:** 38  
**Acreage:** 1.42  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30' & 5-30'		Paved path	Foot traffic	Trash
Deciduous	White oak	>30' & 5-30'		Lamppost	Vehicle access	Dumping
Phanerophytes	Black cherry	5-30' & <5'		Stairs		Vandalism
Undulating						
Dry/Moist						

**Comments:**

Dry oak forest with smaller black cherry throughout. Scattered black birch greater than 25', a few sweetgum. Ground covered in most spots with leaf litter and white wood aster. Other plants include red oak, arrowwood, mapleleaf viburnum, flowering dogwood silver maple, rose, buckthorn, poison ivy, mock orange, indian pipe, spotted wintergreen, and Sassafras.

**Unit:** 39  
**Acreage:** 0.29  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Depression Moist	Pin oak Sweetgum Arrowwood	>30 & 5-30' >30' & 5-30' 5-30' & <5'			Foot traffic	Erosion

**Comments:**

Small section of moist forest around model airplane field near cemetery. Besides above, black tupelo, red oak, and black cherry. Soil and water carried down gullies from cemetery. Other plants include: rose, Virginia knotweed, enchanter's nightshade, Japanese honeysuckle, and buckthorn.

**Unit:** 40  
**Acreage:** 0.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Hemicryptophytes Level Dry	Orchard grass	<5'		Paved path Lamppost	Foot traffic Vehicle access	Trash

**Comments:**

Thin strips of unmowed grass between golf course fence and mowed DOT area off Interborough Parkway. Other plants are Queen Anne's lace, mugwort, dandelion, flowering dogwood, Ailanthus, silver maple, buckthorn, goldenrod, deadly nightshade, bittersweet, red oak, red clover, chicory, redtop grass, love-grass, etc.

**Unit:** 41  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Linden, littleleaf	>30'	Yes		Foot traffic Vehicle access	Trash

**Comments:**

Street tree edge between golf course parking lot and golf course fence. Beneath trees is mugwort, white wood aster, Virginia knotweed, and CSG.

**Unit:** 42  
**Acreage:** 1.09  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert					Vehicle access Sports	Vandalism Trash

**Comments:**

Golf course parking lot. Recently fenced in by concessionaire. MC: Meeting place for questionable activities, cars broken into, vandalized. Suggests PEP blitz or patrol.

**Unit:** 43  
**Acreage:** 0.33  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	5'-30'		Foundation	Foot traffic	Erosion
Deciduous	Black cherry	5'-30'				Trash
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Steep slope from Forest Park golf course fence to golf parking lot. MC: Slope eroded, lots of trash. Mostly red oak, some black oak (all medium-sized ) and black cherry. Other trees include flowering dogwood, Sassafras, and black birch. Ground covered in white wood aster, mugwort, goldenrod, and some Japanese honeysuckle.

**Unit:** 44  
**Acreage:** 0.73  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5' & 5'-30'				
Deciduous	Sweet gum	>30'				
Lianas	Hickory spp.	>30' & 5'-30'				
Slope	Tulip tree	<5' & >30'				
Dry/Moist	Sassafras	All				
	Black cherry	5-30 & <5				

**Comments:**

This is a mixed forest of the above species on a slope to West Main Drive. The understory varies from vines to regenerating trees. MC: The soil is mostly compacted with erosion problems and very trashed surroundings. The ground layer is dominated by Japanese honeysuckle, catbrier, Virginia creeper, and poison ivy. Other species: flowering dogwood, Virginia knotweed, Rubus, Jack-in-the-pulpit, Norway maple, enchanter's nightshade, and more.

**Unit:** 45  
**Acreage:** 1.53  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Slope Dry	London planetree	>30'	Yes	Exotic planting Full-crown	Foot traffic	Erosion Trash Vandalism

**Comments:**

A strip of London planetree along Park Lane South and along the tennis courts. It appears to have been formerly maintained. There are some silver maple and white oaks. A new sidewalk was recently put in and part of the slope has been seeded and netted. The understory is mostly herbaceous with a ground layer of mugwort, great ragweed, black cherry saplings, clumps of orchard grass, mulberry, some planted shrubs along the staircases, Virginia knotweed, crabgrass, common milkweed and more.

**Unit:** 46  
**Acreage:** 2.56  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert					Sports Foot traffic	Soil compaction

**Comments:**

This was formerly all tennis courts. Recently, the courts have been dug up and are being repaired. Right now it is a desert with no vegetation. Expected completion 3/89. Construction crews are regarding slopes to tennis courts to alter drainage patterns

**Unit:** 47  
**Acreage:** 1.27  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	All		Stairs	Foot traffic	Fire
Deciduous	Red oak	>30' & 5'-30		Paved path	Vehicle access	Dumping
Phanerophytes	Black cherry	5'-30'		Lamppost		Auto
Undulating	Pin oak	>30' & 5'-30				
Dry/Moist						

**Comments:**

Strip of sweetgum forest with red and pin oaks and plenty of black cherry. Also, some black tupelo and red maple. Shrubs include arrowwood and mapleleaf viburnum. Area recently burned. MC: Vehicle access, burned car remains, some dumping. Other plants include Japanese honeysuckle, goldenrod, white wood aster, and poison ivy.

**Unit:** 48  
**Acreage:** 0.74  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Landfill	Foot traffic	Erosion
Deciduous	Black cherry	All				Trash
Phanerophytes						Soil compaction
Slope						
Dry/Moist						

**Comments:**

This is an oak forest with scattered black cherry on the slope from West Main Drive. The understory is dominated by regenerating black cherry, Norway maple, hickory spp. And Sassafras. MC: Serious erosion problem on slopes from drain pipes under West Main Drive, soil compaction and trash. Other species: Aster, goldenrod, path rush, wineberry, Virginia knotweed, Jack-in-the-pulpit, rose, and more.

**Unit:** 49  
**Acreage:** 0.21  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5' & 5-30'		Exotic planting	Foot traffic	Trash
Deciduous	Black locust	<5' & 5-30'	Yes			Rats
Phanerophytes	Pin oak	<5' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Small forested edge off Park Lane South near tennis courts. All trees around 25' or less. Lots of rose understory. Other species: mugwort, white wood aster, Virginia knotweed, Japanese honeysuckle, silver maple, arrowwood, great ragweed. MC: rats being fed.

**Unit:** 50  
**Acreage:** 2.15  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Landfill	Foot traffic	Erosion
Deciduous	Norway maple	All	Yes			Soil compaction
Phanerophytes	Red oak	>30'				Trash
Undulating	Black cherry	All				
Dry/Moist	Sassafras	All				

**Comments:**

This unit has nonconnecting sections. It is a large oak and Norway maple forest on a slope from W. Main Drive down to the tennis courts. MC: Much of the slope is compacted and eroded and devoid of vegetation. Regenerating Norway maple and Sassafras dominate the ground layer. Other species: catbrier, poison ivy, white wood aster, white oak, mulberry, rose and more.

**Unit:** 51  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Trash
Deciduous	Red oak	>30'				
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

A woodland of oak with a large opening including a snag. The understory is mixed with regenerating Sassafras and herbaceous plants. The species composition may become Sassafras dominated. Other species: Black cherry, white oak, Norway maple, Joe-pye weed, Virginia knotweed, aster, helleborine, wild grape, porcelain berry, and more.

**Unit:** 52  
**Acreage:** 0.40  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes		Foot traffic	
	Orchard grass	>5'				
Hemicryptophytes	Timothy	<5'	Yes			
Level	Goldenrod	<5'				
Dry/Moist						

**Comments:**

Small herbaceous - mugwort meadow near tennis courts construction site. Mostly mugwort, but with above and common and great ragweed, red clover, common plantain, and redbud grass.

**Unit:** 53  
**Acreage:** 1.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Exotic planting	Telegraph	
Knoll						
Dry/Moist						

**Comments:**

Fire alarm telegraph station: FDNY grounds, and parking area. Exotic plantings and lawn.

**Unit:** 54  
**Acreage:** 0.56  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Exotic planting	Foot traffic	Trash
Deciduous	Black oak	>30'		Full-crown	Picnic	
Hemicryptophytes	Mugwort	5'-30'	Yes			
Slope						
Dry/Moist						

**Comments:**

Landscaped areas left unmaintained and gone wild. Large oaks with mugwort and other herbaceous plants beneath. MC: Lots of trash, rats, some compacted spots, and eroded paths. Other species: black locust, Sassafras, forsythia, mulberry, white wood aster, Rubus, pokeweed, Joe-pye-weed, Japanese knotweed, Norway maple, and Virginia knotweed.

**Unit:** 55  
**Acreage:** 0.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Forsythia	5'-30'	Yes	Landfill	Foot traffic	Erosion
Deciduous	Red oak	>30' & 5'-30'			Campfire/ party	Soil compaction
Chamaephytes	Black cherry	<5' & 5'-30'				Trash
Slope	Mulberry	<5' & 5'-30'				
Dry/Moist	Tulip tree	5'-30'	Yes			
	Norway maple	>30'				

**Comments:**

Landscaped edge left unmaintained and gone wild. Large tulip tree, red oak and red maple. Seeded - in black cherry, mulberry, Norway maple, etc. slope covered with forsythia, arrowwood, and privet. Lots of pokeweed, rose and mugwort. Some soil erosion.

**Unit:** 56  
**Acreage:** 2.70  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Landfill	Foot traffic	Erosion
Deciduous	Sassafras	All			Campfire/ party	Soil compaction
Chamaephytes	Red oak	>30'				Trash
Undulating						
Dry/Moist						

**Comments:**

This is predominantly a black cherry and Sassafras forest with scattered red oak adjacent to the tennis courts. A new drainage system is currently being installed for the tennis courts. The understory is a shrub layer of rose, and Rubus mixed with regenerating Sassafras. MC: serious erosion and compaction on the slopes; trash, hypodermic needles found: rat control needed, abandoned auto, and more. Other species: poison ivy, Japanese honeysuckle, Aster, pin oak, catbrier, bittersweet, Virginia knotweed, and more.

**Unit:** 57  
**Acreage:** 0.09  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	5'-30'			Foot traffic	Erosion
Deciduous	Pin oak	5'-30'				Soil compaction
Hemicryptophytes	Red oak	5'-30'				
Slope						
Dry/Moist						

**Comments:**

Woodland strip behind tennis courts. On very steep slope ( some erosion, MC). Construction on tennis courts is damaging trees, compacting soil. Other plants include Norway maple, rose, white wood aster, goldenrod, mugwort, redtop grass, path rush, Rubus, poison ivy, and black oak.

**Unit:** 58  
**Acreage:** 0.46  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Redtop grass	<5'			Foot traffic	Soil compaction
	Goldenrod	<5'			Hang-out	Erosion
Hemicryptophytes	Little bluestem	<5'			Campfire/ party	Trash
Slope	Crabgrass	<5'				
Dry/Moist						

**Comments:**

Grassy meadow on top of slope to tennis courts. Mostly redtop grass, but on edges of meadow is goldenrod and little bluestem, and on compacted areas is crabgrass. MC: unit could be nice meadow if cleaned up, now used as a hang-out spot : lots of broken glass, campfire. Construction crew is compacting soil. Other plants are orchard grass, path rush, fragrant goldenrod, heath aster, black cherry <5, and mugwort.

**Unit:** 59  
**Acreage:** 3.63  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All			Foot traffic	Soil compaction
Deciduous	Black locust	>30' & 5'-30	Yes		Hang-out	Trash
Hemicryptophytes						Auto
Undulating						
Dry/Moist						

**Comments:**

Large cherry locust forest on undulating topography. Vegetation beneath trees scrubby in parts with rose, but mostly herbaceous. MC: soil compacted, lots of trash, area used as a hang-out. Other plants are red oak, hickory sp., Sassafras, flowering dogwood, enchanter's nightshade, Virginia knotweed, mugwort, Japanese honeysuckle, poison ivy and white wood aster.

**Unit:** 60  
**Acreage:** 0.50  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Silver maple	>30'			Foot traffic	Dumping
Deciduous	Red oak	>30'				Trash
Chamaephytes	Black cherry	All				Soil pits
Undulating						
Dry/Moist						

**Comments:**

This is a highway strip of forest between a maintained lawn along the Interborough Parkway and the cemetery fence. The forest is mixed with mulberry, pin oak, and flowering dogwood. The understory has a shrub layer of arrowwood, buckthorn, cornelian cherry, and hawthorn. MC: lots of trash, dumping, large pit dug, and indications of vagabond. Other species: elderberry, Japanese knotweed, mugwort, poison Ivy, true Solomon's seal, and more.

**Unit:** 61  
**Acreage:** 0.69  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Slope Dry/Moist	Red oak	>30' & 5'-30		Exotic planting Tree wells	Foot traffic Vehicle access	Dumping Trash

**Comments:**

Two sections of mostly red oak of the same size off Interborough parkway. Lots of exotic shrub plantings throughout: tartarian honeysuckle, forsythia, cornelian cherry, fragrant sumac, highbush cranberry, and arrowwood. Some smaller black cherry mixed in Ailanthus near parkway. Other plants are white wood aster, poison ivy, Virginia knotweed, deadly nightshade, and enchanter's nightshade. MC: vehicle access.

**Unit:** 62  
**Acreage:** 0.11  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Lianas Slope Dry/Moist	Black locust	>30'	Yes		Foot traffic	Dumping Trash

**Comments:**

A small forest of black locust located between west Main Drive and the Interborough parkway. The unit slopes down from the parkway to a paved sidewalk. Understory is a groundlayer of poison ivy, also some trees. Some dumping and trash. Ailanthus <5', black cherry, Aster, mulberry, lamb's quarters, and more.

**Unit:** 63  
**Acreage:** 0.73  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Telegraph	Foot traffic	Soil compaction
Deciduous	Red oak	All			Hang-out	Trash
Phanerophytes	Sassafras	5-30'&<5'				Auto
Undulating						
Dry/Moist						

**Comments:**

Forest of above trees behind the telegraph station. Unit includes vandalized telegraph tower, MC: Area trashed-out: Used as a hang-out, lots of garbage, broken glass, compacted soil. Other plants are Japanese honeysuckle, Rubus, poison ivy, white wood aster, Virginia creeper, Virginia knotweed, Norway maple, horse chestnut and enchanter's nightshade.

**Unit:** 64  
**Acreage:** 1.00  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Full-crown Exotic planting	Concert Foot traffic	Vandalism Trash
Level						
Dry/Moist						

**Comments:**

Seuffert bandshell and benches. Very little graffiti and trash. Planted red oak and Norway maple. Other trees are black oak, London planetree and flowering dogwood.

**Unit:** 65  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Dogbane	<5' & 5'-30'		Sewer pipe	Foot traffic	
Deciduous	Sweetwhite clover	5-30'&<5'	Yes			
Hemicryptophytes	Rubus	5-30'&<5'				
Slope						
Dry/Moist						

**Comments:**

Shrubby-meadow with some black locust trees coming in. Lots of herbaceous plants: Queen Anne's lace, paniced tick trefoil, mugwort, red clover, goldenrod, timothy, orchard grass, chicory, brown knapweed, common plantain, rose and others.

**Unit:** 66  
**Acreage:** 4.12  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Snags	Foot traffic	Erosion
Deciduous	White oak	>30'		Paved path	Picnic	Trash
Hemicryptophytes	Hickory spp.	>30'			Hang-out	Soil compaction
Undulating						
Dry/Moist						

**Comments:**

Oak-hickory woodland with occasional black birch, flowering dogwood, black cherry, black locust, and black oak. Open understory in some spots shrubby with mapleleaf viburnum, rose, catbrier, some wild grape. Most of unit herbaceous under trees. MC: Trashy in spots, paths, eroded and compacted. Other species: Red maples, enchanter's nightshade, white wood aster, Virginia knotweed, mugwort, CSG, Virginia creeper, goldenrod, elderberry, etc.

**Unit:** 67  
**Acreage:** 0.39  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	5'-30'		Exotic planting	Foot traffic	Dumping
Deciduous	Red oak	>30' & 5-30'				Trash
Chamaephytes	Sassafras	5-30'				
Slope						
Dry/Moist						

**Comments:**

Slope off Interborough Parkway to the park road. Lots of exotic shrub plantings: Tartarian honeysuckle, fragrant sumac, privet, cornelain cherry, etc. Big mix of other trees, above and mulberry, elm, hackberry, tulip trees, Ailanthus (near parkway), and Norway maples. Other plants include Virginia knotweed, enchanter's nightshade, Japanese honeysuckle, arrowwood, poison ivy, and white snakeroot.

**Unit:** 68  
**Acreage:** 1.43  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Exotic planting	Foot traffic	Erosion
Deciduous				Full-crown	Picnic	Soil compaction
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

Landscaped slope of large red oaks with shrub cover beneath. Planted with mountain laurel and rhododendron. One asphalt path, another unpaved path with erosion(MC). Other species: mugwort, goldenrod, red maple, etc.

**Unit:** 69  
**Acreage:** 0.27  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Red oak	>30'		Paved path Lamppost Exotic planting	Foot traffic Vehicle access	Trash

**Comments:**

Woodland Strip of large red oaks between golf course fence and West Main Drive to Interborough Parkway. Some younger oaks, shadbush, black cherry and Sassafras. Sparse groundcover. MC: Used to drive through to unit 77. Other plants: white wood aster, enchanter's nightshade, deadly nightshade, etc.

**Unit:** 70  
**Acreage:** 1.60  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Undulating Dry/Moist	Red oak Black cherry White oak White oak Pin oak	>30'&5-30 All >30' >30' >30'		Exotic planting	Foot traffic	Dumping Trash Vagabond

**Comments:**

Highway unit of two nonconnecting sections. Unit extends along Interborough Parkway and borders the cemetery fence near the entrance ramp from West Main Drive. Most of the unit has a shrubby understory of cornelain cherry, fragrant sumac, forsythia, and Rubus. There is a small opening in the canopy with young black willow saplings and mugwort. MC: There is a lot of dumping of trash from the Interborough, soil pits, vagabond. Other spp.: highbush cranberry, hawthorn, flowering dogwood, white oak, and eastern cottonwood.

**Unit:** 71  
**Acreage:** 0.20  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Building	Trash
Deciduous	Sassafras	5'-30'				
Lianas						
Slope						
Dry/Moist						

**Comments:**

Highway forest section between West Main Drive and the entrance ramp to the Interborough Parkway. Other trees in the unit are pin oak, white oak, and black oak. Most of the unit has groundcover of poison ivy and catbrier. There is some fragrant sumac and young ash mixed in. There's a bit of trash along the roadsides. Other species: Ailanthus (<10'), aster, and more.

**Unit:** 72  
**Acreage:** 0.33  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	ALL		Exotic planting	Foot traffic	Dumping
Deciduous	Red oak	>30'				
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Strip of Sassafras forest, several large red oaks. Lots of regenerating Sassafras, young black cherry. Lush herbaceous layer. MC: overpass bridge stones falling off. Other species are pin oak, white oak, fragrant sumac, sweet pepperbush, enchanter's nightshade, poison ivy, Virginia knotweed, common nightshade, bittersweet, etc.

**Unit:** 73  
**Acreage:** 1.23  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Landfill	Foot traffic	Erosion
Deciduous	White oak	>30'				Dumping
Phanerophytes	Hickory spp.	>30'				Soil compaction
Slope	Norway maple	5'-30'	Yes			
Dry/Moist	Sassafras	5'-30'				

**Comments:**

Very steep forested slope of above trees. MC: Ground bare in most spots, eroded and compacted paths lead down slope. Other species: tulip tree, red maple, black locust, black cherry, flowering dogwood, American hornbeam, Rubus, Virginia knotweed, lady's thumb, Ailanthus, pokeweed, and Joe-pye weed.

**Unit:** 74  
**Acreage:** 0.79  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Nannyberry	<5'	Yes	Exotic planting		Vandalism
Deciduous	Hazelnut	<5'	Yes	Road		
Chamaephytes	Silky dogwood	<5'		Fence		
Slope	Bindweed	<5'				
Dry/Moist						

**Comments:**

Steep slope recently (last couple of years) planted with shrubs and cribbed. Bindweed now growing over top of shrubs. Other plants include mugwort, chicory, hollyhock, Bidens, and Queen Anne's lace.

**Unit:** 75  
**Acreage:** 1.46  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	>30' & 5'-30		Landfill	Foot traffic	Erosion
Deciduous	Norway maple	5'-30'	Yes		Hang-out	Dumping
Hemicryptophytes	Black locust	>30' & 5'-30	Yes		Picnic	Compaction
Undulating						
Dry						

**Comments:**

Forest of large cherries and locusts with smaller Norway maples scattered throughout. MC: On slopes leading into ravine (ballfields) are exposed tree roots and eroded soil. Ground bare and compacted. Lots of trash and dumping. Some burned spots. Few other plants are Virginia knotweed, arrowwood, white wood aster, and red maple.

**Unit:** 76  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	>30' & 5'-30			Foot traffic	Trash
Deciduous	Ailanthus	All	Yes			
Lianas						
Slope						
Dry/Moist						

**Comments:**

This unit borders the cemetery fence along West Main Drive near the Dry Harbor Playground. The understory is a groundcover of Virginia creeper, Japanese honeysuckle, and poison ivy. There is a need to cleanup the sidewalk along the West Main Drive. Other species: American elm (<5'), red maple, Virginia knotweed, goldenrod and more.

**Unit:** 77  
**Acreage:** 0.51  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	>30' & 5'-30		Paved path	Vehicle access	Auto
Deciduous	Pin oak	>30' & 5'-30		Lamppost	Foot traffic	Dumping
Lianas	Red oak	>30' & 5'-30				Fire
Slope	Bittersweet	All	Yes			
Dry/Moist						

**Comments:**

Strip of forest becoming overrun by bittersweet. MC: Easy access of Interborough Parkway; three abandoned burned cars, lots of dumping. Other species are black oak, Rubus spp., red maple, Norway maple, Virginia knotweed, Sassafras, enchanter's nightshade, white wood aster, and garlic mustard.

**Unit:** 78  
**Acreage:** 0.72  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>30' & 5'-30	Yes	Berm	Foot traffic	Dumping
Deciduous	Black cherry	5'-30'				Feces
Phanerophytes						
Undulating						
Dry/Moist						

**Comments:**

Two sections of black locust forest separated by park road leading into Forest Park shops. Dumping in both areas, also human feces. Lots of poison ivy, more mugwort in southern areas. Other species are red oak, white oak, Sassafras, black birch, Rubus spp., Virginia knotweed, and bittersweet.

**Unit:** 79  
**Acreage:** 0.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert						Vandalism

Dry

**Comments:**

Unused carousel and concession stand. Area paved and no vegetation except Norway maple and planted black oak. Some mugwort coming in cracks. MC: buildings vandalized.

**Unit:** 80  
**Acreage:** 0.74  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30' & 5'-30		Exotic planting	Foot traffic	Dumping
Deciduous	Sassafras	5'-30'			Vehicle access	Trash
Chamaephytes	Black cherry	All				
Slope						
Dry/Moist						

**Comments:**

Oak forest (mostly black, some red and pin, one white) with lots of Sassafras and black cherry. Exotic shrubs: fragrant sumac, tartarian honeysuckle and crab apple throughout. Other species: goldenrod, shining sumac, poison ivy and buckthorn. MC: vehicle access and dumping.

**Unit:** 81  
**Acreage:** 0.41  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous Deciduous Hemicryptophytes Slope Dry/Moist	Mugwort	5'-30'	Yes	Paved path Lamppost Exotic planting	Foot traffic Vehicle access	Auto Vandalism

**Comments:**

Mugwort slope off Interborough Parkway. Few large trees on edges, lots of other herbaceous plants. MC: Two abandoned and burned cars, graffiti on underpass (and broken fence). Other species are hackberry, red oak, pin oak, mulberry, black cherry, Queen Anne's lace, orchard grass, common sow thistle, broad dock, white snakeroot, redtop grass and cornelian cherry.

**Unit:** 82  
**Acreage:** 0.63  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Red oak Black oak Tulip tree	>30' >30' >30'		Full-crown Road		Dumping Auto Soil compaction

**Comments:**

Strip off Jackie Robinson access road to Forest Park. Shops of several large oaks and tulip trees. Groundcover of unmowed grasses and herbaceous plants. MC: Dumping, trash and abandoned cars: block off park road at night. Other plants: mugwort, path rush, hickory spp., white oak, common ragweed, common plantain, orchard grass, lady's thumb, and others.

**Unit:** 83  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Grass, redbop	<5'				
	Grass, orchard	<5'				
Hemicryptophytes	Rush, path	<5'				
Slope	Timothy	<5'	Yes			
Dry/Moist						

**Comments:**

Grassy meadow on edge of road leading to Forest Park Shops. Mostly grassy, but also some mugwort (nearest road), Queen Anne's lace, chicory, and common plantain.

**Unit:** 84  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'		Tree house	Foot traffic	Erosion
Deciduous	White oak	>30'				
Hemicryptophytes	Red oak	>30'				
Slope						
Dry/Moist						

**Comments:**

Oak woodland of widely spaced trees and grassy groundcover. Lots of path rush, orchard grass, white wood aster, mugwort. A couple of eroded paths, some trash. Other species are black cherry, Virginia knotweed, Sassafras, great ragweed and buckthorn.

**Unit:** 85  
**Acreage:** 3.25  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert						
Level						
Dry						

**Comments:**  
 Forest Park Slope, garages, and parking fields--under construction.

**Unit:** 86  
**Acreage:** 0.57  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Red oak	>30'				Auto
Deciduous						Soil compaction
Hemicryptophytes						
Level						
Dry						

**Comments:**  
 Temporary parking area for Forest Park employees. Fenced off with snow-fencing. Soil compacted and hard (MC), no groundcover except for strips of path rush and CSG. Large red oaks, white oaks, London planetree, white ash. Open sewer cover.

**Unit:** 87  
**Acreage:** 0.10  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	>30' & 5'-30	Yes	Landfill		Dumping
Deciduous	Rose	<5'	Yes			
Chamaephytes						
Undulating						
Dry/Moist						

**Comments:**

Thin strip of Ailanthus on top of dumped material. Undergrowth mostly rose, Rubus and Virginia knotweed. Other plants include poison ivy, Polygonum spp., Japanese knotweed, black cherry and pokeweed. MC: dumping.

**Unit:** 88  
**Acreage:** 0.63  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert	Clover, sweet white	<5'	Yes	Landfill	Construction	Dumping
	Foxtail	<5'			Vehicle access	Soil compaction
Therophytes	Ragweed, common	<5'			Foot traffic	
Level						
Dry						

**Comments:**

Compacted area created by construction on Forest Park parking field. Soil very hard, but vegetation starting to colonize. Other species include Queen Anne's lace, lamb's quarters, great ragweed, mugwort, alsike clover, Ailanthus, white vervain, black cherry, lovegrass, barnyard grass, yellow sow thistle, Japanese knotweed and Polygonum spp..

**Unit:** 89  
**Acreage:** 0.13  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Cool season grass	<5'	Yes		Foot traffic	Soil compaction
Deciduous	White ash	5'-30'			Vehicle access	Auto
Hemicryptophytes	Mugwort	<5'	Yes			Dumping
Level	Orchard grass	<5'				
Dry/Moist						

**Comments:**

Small strip of unmaintained grass with trees behind temporary parking area near Forest Park shops. Grass close to house is mowed, probably by homeowner. Other plants include lady's thumb, pin oak, Norway maple, great and common ragweed, nettle, etc. MC: Encroachment, organic dumping, soil compaction.

**Unit:** 90  
**Acreage:** 1.49  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert						
Level						
Dry						

**Comments:**

Forest Park greenhouse complex. Includes parking area, glass houses, cold frames, etc.

**Unit:** 91  
**Acreage:** 3.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'		Landfill	Foot traffic	Auto
Deciduous	Black oak	>30' & 5-30'			Campfire/ party	Fire
Phanerophytes	Black cherry	<5' & 5-30'				
Undulating	Buckthorn	<5' & 5-30'	Yes			
Dry/Moist						

**Comments:**

Oak forest with mix of understory trees: Sassafras, black birch, Ailanthus, etc., but mostly black cherry and buckthorn. Some wide path openings, one containing a car. Unit on a corner of Interborough Parkway and park road to shops. Other plants are: hickory spp., white oak, tulip tree, sweet cherry, path rush, enchanter's nightshade, white wood aster, poison ivy, Virginia knotweed, mapleleaf viburnum, and red maple.

**Unit:** 92  
**Acreage:** 0.20  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black locust	5'-30'	Yes	Landfill		Dumping
Deciduous	Mugwort	<5' & 5-30'	Yes			
Hemicryptophytes						
Undulating						
Dry/Moist						

**Comments:**

Incredible hills of dumping capped by a layer of weeds and pioneering trees. Dumping mostly parks related (MC), wire garbage baskets and chain-link fence. Other spp: Ailanthus, black cherry, Norway maple, American elm, silver maple, crab apple, Japanese knotweed, bindweed, rose, Rubus, and privet.

**Unit:** 93  
**Acreage:** 0.16  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sumac, staghorn	<5' & 5-30'		Landfill		Dumping
Deciduous	Black locust	5'-30'				
Chamaephytes	Rose	<5'	Yes			
Undulating						
Dry/Moist						

**Comments:**

Dump with staghorn sumac. Heaps of offensive vegetation on top of mounds of building material, fencing, and slag - truly repulsive (MC). Other spp: rose, Japanese knotweed, Rubus, mugwort, Virginia knotweed, and pokeweed.

**Unit:** 94  
**Acreage:** 0.17  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	5'-30'		Exotic planting	Foot traffic	Dumping
Deciduous	Ailanthus	<5' & 5-30'	Yes			Trash
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

Small black cherry-Ailanthus forest, few large oaks (red and pin). Lots of tartarian honeysuckle, buckthorn, Rubus and arrowwood. MC: several large dumped items, vehicle access. Other spp.: silver maple, Norway maple, mulberry, goldenrod and white oak.

**Unit:** 95  
**Acreage:** 0.13  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5' & 5-30'		Exotic planting	Vehicle access	Auto
Deciduous	Elm, American	All			Foot traffic	Dumping
Phanerophytes	Apple, crab	5'-30'	Yes			
Slope						
Dry/Moist						

**Comments:**

Small section of black cherry forest with some crab apple and American elm moved in. Lots of young trees and shrubs: Norway maple, pin oak, red oak, buckthorn, hackberry, arrowwood, hawthorn, etc. Other spp. include: white snakeroot, poison ivy and dogbane. MC: vehicle access dumping.

**Unit:** 96  
**Acreage:** 0.39  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5' & 5-30'	Yes	Landfill		Dumping
Hemicryptophytes	Knotweed, Japanese	<5' & 5-30'	Yes			
Undulating						
Dry/Moist						

**Comments:**

Dump-site with mugwort and Japanese knotweed covering surface. Other spp.: apple, black locust, black cherry.

**Unit:** 97  
**Acreage:** 0.16  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Willow oak	5'-30'	Yes	Exotic planting	Foot traffic	Dumping
Deciduous	Crab apple	5'-30'	Yes			Trash
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Landscaped strip left unmaintained. MC: Close to playground, some dumping, and trash-resume maintenance. Other plants are black oak, black cherry, white wood aster, Norway maple, English ivy, periwinkle, rose, rose-of-sharon, sycamore maple, mulberry, Virginia knotweed, hackberry, black walnut, Austrian pine, and hickory spp.

**Unit:** 98  
**Acreage:** 1.80  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Landfill	Foot traffic	Dumping
Deciduous	Rose	<5' & 5-30'	Yes	Exotic planting	Vehicle access	
Chamaephytes						
Undulating						
Dry/Moist						

**Comments:**

Dump area: huge piles of fencing, household appliances, construction material, etc. Black cherry and few other trees growing on top of dumping. Lots of rose, poison ivy, Rubus, and Japanese honeysuckle. Other spp.: Virginia knotweed, mugwort, white and black oak, London planetree, black locust, hickory spp., Sassafras, Virginia creeper, buckthorn, black willow and arrowwood.

**Unit:** 99  
**Acreage:** 0.33  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>30' & 5-30'			Foot traffic	Trash
Deciduous	Elm, American	>30' & 5-30'				Soil compaction
Chamaephytes						Other
Slope						
Dry/Moist						

**Comments:**

Highway unit along the Interborough Parkway at the West Main Drive exit ramp. Unit is bounded by a paved walking path adjacent to the Dry Harbor Playground. Other trees mixed in are Sassafras, Norway maple, mulberry, black cherry, white oak, and crap apple. The understory is mostly shrubby with jet black bead, arrowwood, trash, and vandalized gate under bridge. Other species: poison ivy, mugwort, common milkweed, hawthorn, and more.

**Unit:** 100  
**Acreage:** 0.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	5'-30'		Exotic planting	Foot traffic	Trash
Deciduous	Pin oak	5'-30'				
Phanerophytes	Black cherry	<5' & 5-30'				
Level	Buckthorn	<5' & 5-30'	Yes			
Dry/Moist	Ailanthus	<5' & 5-30'	Yes			

**Comments:**

Very narrow forested strip between golf course fence and landscaped area off Interborough Parkway. Mix of trees, mostly pin oak, red oak and black cherry with undergrowth of buckthorn and other saplings. Other plants are Norway maple, hackberry, Rubus, crab apple, sweet cherry, jet black bead, white snakeroot and mugwort.

**Unit:** 101  
**Acreage:** 0.27  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'		Full-crown	Vehicle access	Dumping
Deciduous	White oak	>30'			Foot traffic	Auto
Hemicryptophytes						Trash
Level						
Dry/Moist						

**Comments:**

Few large oaks with path rush and herbaceous groundcover. MC: easy access off Interborough, lots of dumping and trash, cars driven through here to 102b. Put up guardrail. Other spp.: orchard grass, pin oak, white wood aster, buckthorn, violets, etc.

**Unit:** 102  
**Acreage:** 1.46  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'		Paved path	Vehicle access	Auto
Deciduous	Black oak	>30' & 5-30'		Lamppost	Foot traffic	Dumping
Phanerophytes	Buckthorn	<5' & 5-30'	Yes			Soil compaction
Undulating						
Dry/Moist						

**Comments:**

Closed oak forest off Interborough Parkway. Understory thicket of buckthorn. MC: easy access off parkway, stolen vehicle and dumping. Other spp.: black cherry, silver maple, red maple, flowering dogwood, Sassafras, Norway maple, rose, poison ivy, Virginia creeper, Virginia knotweed, barberry, and catbrier.

**Unit:** 103  
**Acreage:** 0.36  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'		Exotic planting	Vehicle access	Auto
Deciduous	Black oak	>30' & 5-30'			Foot traffic	Erosion
Hemicryptophytes	Black birch	5'-30'				
Slope	Black cherry	5'-30'				
Dry/Moist						

**Comments:**

Steep slope of mostly medium sized trees off the Interborough Parkway. MC: Vehicle access-put up guardrail, one car severely damaged the slope and created erosion problem. Groundcover mostly white wood aster, some goldenrod. Other plants are forsythia and buckthorn.

**Unit:** 104  
**Acreage:** 0.39  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	5'-30'		Exotic planting	Vehicle access	Trash
Deciduous						
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Narrow strip of Sassafras off the Interborough Parkway--very steep slope. Other trees mixed in are Norway maple, red oak, black cherry, and flowering dogwood. Groundcover mostly herbs: Virginia knotweed, enchanter's nightshade, Jack-in-the-pulpit, white wood aster. Also poison ivy and Rubus.

**Unit:** 105  
**Acreage:** 0.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Grass spp.	<5'			Foot traffic	Encroachment
Deciduous	White oak	>30'				
Hemicryptophytes						
Level						
Dry/Moist						

**Comments:**

Small edge of lawn behind garages of private homes on 88th Place.

**Unit:** 106  
**Acreage:** 0.26  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	5'-30'		Exotic planting		
Deciduous	Norway maple	<5' & 5-30'	Yes			
Phanerophytes	Black cherry	5'-30'				
Slope						
Dry/Moist						

**Comments:**

Narrow strip of parkland between cemetery and Interborough Parkway access road, bounded by Myrtle Ave. Three tree species above in almost equal amounts. Ground almost bare. Other spp.: cornelian cherry, Ailanthus, forsythia, mock orange, Virginia knotweed, and white wood aster.

**Unit:** 107  
**Acreage:** 0.30  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Exotic planting	Foot traffic	Trash
Deciduous	Norway maple	All	Yes			Erosion
Chamaephytes	Sassafras	>30' & 5-30'				Soil compaction
Slope	Hawthorn	<5' & 5-30'				
Dry/Moist						

**Comments:**

This is a highway unit along the Interborough parkway near Dry Harbor Playground. The unit is mixed with the above species of trees and understory is mostly hawthorn. Other trees and shrubs in lesser amounts include: red maple, pin oak, Ailanthus, mulberry, arrowwood, buckthorn, jet black bead, catbrier, and fragrant sumac. Trash needs to be cleaned up being so close to the playground. Other species: smartweed, great ragweed, mugwort, tartarian honeysuckle and more.

**Unit:** 108  
**Acreage:** 0.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	All	Yes		Foot traffic	Trash
Deciduous	Silver maple	5'-30'				
Hemicryptophytes	Pin oak	>30'				
Slope						
Dry/Moist						

**Comments:**

Highway woodland along the Interborough Parkway and the Forest Park golf course fence. A very small mixed woodland with one footpath along the fence. The understory is mixed with mugwort and young Ailanthus. There is one large mulberry and one witch hazel with some bittersweet on it. Other species: CSG, orchard grass, Norway maple <10', and more.

**Unit:** 109  
**Acreage:** 0.36  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'		Exotic planting	Foot traffic	Soil compaction
Deciduous	Pin oak	>30' & 5-30'				Soil Pits
Hemicryptophytes	Mugwort	<5'	Yes			Soil Pits
Slope						
Dry/Moist						

**Comments:**

Woodland of oaks with herbaceous layer between golf course fence and Interborough Parkway. Lots of exotic highway plantings: tartarian honeysuckle, witch hazel, shadbush, hackberry, etc. Compacted path near fence and holes in fence. Other plants are buckthorn, Norway maple, white wood aster, Virginia knotweed, poison ivy, and enchanter's nightshade

**Unit:** 110  
**Acreage:** 0.04  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Porcelain berry	<5' & 5-30'	Yes			Trash
	Arrowwood	<5' & 5-30'				
Lianas	Mugwort	<5'	Yes			
Slope	Black cherry	<5' & 5-30'				
Dry/Moist						

**Comments:**

This is a small patch of vineland along the Interborough Parkway at the Myrtle Ave. exit. It is part of the highway strips. Porcelainberry covers everything including the above species and ash sp., spicebush, pokeweed, Norway maple, black cherry, goldenrod, and more.

**Unit:** 111  
**Acreage:** 0.36  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	5-30' & <5'	Yes			Dumping
Deciduous	Red oak	>30'				
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Sloping forest off Interborough Parkway near Myrtle Ave over-pass. Mostly younger Norway maple, some larger red oaks. Soil bare beneath tress (MC?), some white wood aster, rose. Other plants are silver maple, sycamore maple, and black birch.

**Unit:** 112  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes		Foot traffic	
Deciduous						
Hemicryptophytes						
Level						
Dry/Moist						

**Comments:**

Mugwort meadow-edge on corner of 88th place and Myrtle Avenue. Filling in with shrubby species and trees. Other species: Ailanthus, buckthorn, violets, white wood aster, silver maple, black cherry, red oak, and rose.

**Unit:** 113  
**Acreage:** 1.59  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	>30'			Vehicle access	Dumping
Deciduous	Red oak	>30' & 5-30'			Foot traffic	Erosion
Chamaephytes	Black cherry	All				Vandalism
Undulating	Norway maple	All	Yes			
Dry/Moist						

**Comments:**

This unit is located between Interborough Parkway and Myrtle Ave. Other trees in the unit are pin oak, Sassafras, and hickory spp. The tulip tree and red oaks are much larger than the black cherry and Norway maple. The understory is mixed but dominated by a shrub layer of buckthorn, arrowwood, spicebush, and mapleleaf viburnum. A sidewalk and narrow strip of maintained lawn is included. MC: Dumping, vehicle access from Interborough; clogged sewer drain on Union and Myrtle; rotting fence along Myrtle; graffiti

**Unit:** 114  
**Acreage:** 0.44  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All			Foot traffic	Trash
Deciduous	Pin oak	All				Erosion
Chamaephytes	Black cherry	All				
Knoll	Buckthorn	5-30' & <5'	Yes			
Dry/Moist						

**Comments:**

The forest strip is between the Interborough Parkway and Myrtle Ave. Much of the soil is gravel and compacted. Buckthorn along with mapleleaf viburnum dominate vegetation under 15'. There is one main path through unit with an erosion problem. Trash needs to be picked up and the fence along Myrtle Ave. is rotting. Other species: Poison ivy, hickory spp., white wood aster, true and false Solomon's seal, Jack-in-the-pulpit, smartweed, goldenrod, Virginia knotweed, enchanter's nightshade, etc..

**Unit:** 115  
**Acreage:** 0.69  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>30'			Foot traffic	Dumping
Deciduous	Red oak	>30'				Trash
Chamaephytes	Black cherry	> 30' & 5-30				Soil compaction
Depression	Spicebush	5-30' & <5'				
Dry/Moist	Tulip tree	>30'				
	Red maple	> 30'&5-30'				

**Comments:**

A hollow of the above species including Norway maple lying between the Interborough Parkway and Myrtle Ave. Other species in abundance are black birch, Ailanthus, and flowering dogwood. Spicebush and arrowwood dominate the ground vegetation. MC: Extensive dumping of trash; soil pit. Soils are presently dry but may become seasonally wet. Other species: hickory spp. (<10'), mapleleaf viburnum, false Solomon's seal, asters and more.

**Unit:** 116  
**Acreage:** 0.61  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Trash
Deciduous	Pin oak	>30'				Soil Pits
Chamaephytes	Black cherry	All				
Undulating	Mapleleaf viburnum	<5'				
Dry/Moist						

**Comments:**

This is an oak forest with a mix of tulip tree, flowering dogwood, black oak, Sassafras, and Norway maples along Myrtle Ave. The understory is thick with a shrub layer of mapleleaf viburnum. MC: Extensive trash especially along the borders of Myrtle Ave. and the Interborough, large pit dug, fence rot. Other species: poison ivy, true and false Solomon's seal, arrowwood, white wood aster, and more.

**Unit:** 117  
**Acreage:** 0.54  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Landfill	Foot traffic	Trash
Deciduous	Norway maple	All	Yes			Dumping
Chamaephytes	Pin oak	>30' & 5-30'				Drugs
Undulating	Black cherry	All				
Dry/Moist						

**Comments:**

The red oak/Norway maple forest between the Interborough Parkway and Myrtle Ave. The unit is somewhat disturbed having part of the understory devoid of vegetation and part with planted shrubs along the Interborough. MC: Lots of trash, some roadside dumping, fence rot. Shrubs planted along the Interborough are Forsythia, rose and tartarian honeysuckle. Other species: Catbrier, white wood aster, goldenrod, true Solomon's seal, poison ivy, Japanese honeysuckle, enchanter's nightshade, spicebush, and more.

**Unit:** 118  
**Acreage:** 0.64  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	London planetree	>30'	Yes	Full-crown	Foot traffic	Dumping
Deciduous	Red oak	>30'				Trash
Chamaephytes	Black cherry	All				
Level	American Basswood	>30'				
Dry/Moist						

**Comments:**

Unit contains large planted London planetree along Myrtle Ave. between 83rd and 84th Streets. Jet black bead is the dominant shrub and probably planted. MC: trash, leaf and wood chip dumping along sidewalk, trees and other vegetation need to be pruned, the fence along Myrtle Ave. needs repair. Other species: Ailanthus, mulberry, buckthorn, poison ivy, mugwort, nightshade, aster, and more.

**Unit:** 119  
**Acreage:** 0.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Dumping
Deciduous	Silver maple	>30'				Trash
Hemicryptophytes						Vandalism
Level						
Dry/Moist						

**Comments:**

Woodland along Myrtle Ave. near 85th Street. Unit has a herbaceous understory of great ragweed, mugwort, and some grass spp.. Flowering dogwood and black cherry are also present in this site. MC: Fence rot; vandalized lampposts; wood chip dumping on compacted soil and trash. Other spp.: Queen Anne's lace, orchard grass, common milkweed, chicory and more.

**Unit:** 120  
**Acreage:** 0.90  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Full-crown	Foot traffic	Dumping
Deciduous	Norway maple	All	Yes		Vehicle access	Trash
Phanerophytes						Soil compaction
Undulating						
Dry						

**Comments:**

This is a highway unit of the above species including a few pin oak and planted red oak along Myrtle Ave. An active walking area. MC: Sidewalks cluttered with trash and deposition; soil compaction; dumping; cement slabs falling from Interborough bridge (dangerous); fence rot. Other species: crab apple, mulberry, buckthorn, aster, black cherry, flowering dogwood, great ragweed, enchanter's nightshade, and more.

**Unit:** 121  
**Acreage:** 0.20  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Full-crown		Trash
Deciduous	Norway maple	All	Yes	Landfill		Dumping
Chamaephytes	Ailanthus	All	Yes			
Slope						
Dry/Moist						

**Comments:**

This is a highway strip between the Interborough Parkway and 88th St.. The oaks appear to have been planted. Planted shrubs of hawthorn and tartarian honeysuckle dominate the ground vegetation. MC: Retaining wall on 88th St. appears to be shifting from winter freezes; trash and road side dumping. Other species: mugwort, nightshade, and Boston ivy.

**Unit:** 122  
**Acreage:** 0.39  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sycamore maple	All	Yes	Landfill	Foot traffic	Trash
Deciduous	Red oak	>30'				Compaction
Phanerophytes						Dumping
Undulating						
Dry/Moist						

**Comments:**

Unit of two nonconnecting sections of the above species. The soils are highly compacted, probably from the Interborough construction. MC: Extensive dumping of trash; trees over the sidewalk need to be pruned; soil compaction. The understory is mostly regenerating sycamore maple. Other species: London planetree, Sassafra, Norway maple, white wood aster, goldenrod, chicory, and more.

**Unit:** 123  
**Acreage:** 0.10  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry	Red oak	>30'		Landfill Full-crown	Foot traffic	Trash Vandalism Soil compaction

**Comments:**

This is a thin strip of planted red oaks along the Interborough Parkway. Trees are full crowned. The understory is a compacted groundlayer of herbaceous plants such as aster, smartweed, lamb's quarters, CSG, orchard grass, redtop grass, path rush, poison ivy, goldenrod, and more. MC: Unmaintained sidewalks, lots of trash, soils very compacted, graffiti.

**Unit:** 124  
**Acreage:** 0.07  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Slope Dry	Red oak Norway maple	>30' All		Landfill	Foot traffic	Trash Soil compaction Dumping

**Comments:**

This is a small highway strip at the intersection of Woodhaven Blvd and the Interborough Parkway. There are planted shrubs of tartarian honeysuckle in the understory. MC: Roadside dumping; lots of trash; highly compacted soil. Other species: hawthorn, orchard grass, nightshade, and more.

**Unit:** 125  
**Acreage:** 0.63  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Undulating Dry	Norway maple Red oak	All <5' & >30'	Yes	Full-crown Landfill Exotic planting	Foot traffic	Trash Soil compaction Dumping

**Comments:**

This is a highway strip of Norway Maple and red oak between the Interborough Parkway and 88th St. The oaks appear to have been planted and the Norway Maple is of various sizes. The understory is mostly regenerating Norway Maple with some planted shrubs of cornelian cherry, hawthorn, and jet black bead. MC: area very trashy and the soil is very compacted, leaving the ground vegetation very sparse. Other species: Sassafras, horse chestnut, sycamore maple, black cherry, white wood aster and more.

**Unit:** 126  
**Acreage:** 0.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert  Level Dry						

**Comments:**

Golf course buildings. Maintained and/or built by concession. Used for equipment and pesticide storage.

**Unit:** 127  
**Acreage:** 0.13  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert						
Slope						
Dry						

**Comments:**

Golf course paved area and patio. The staircase to West Main Drive is also included.

**Unit:** 128  
**Acreage:** 2.73  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'			Foot traffic	Vandalism
Deciduous	Black cherry	<5' & 5-30'				Trash
Phanerophytes						
Undulating						
Dry/Moist						

**Comments:**

Closed forests of oaks and black cherry inside golf course along fence. More black cherry near golf greens. Other species include sweetgum, white oak, flowering dogwood, black birch, Sassafras, arrowwood, patch of greystem dogwood, Jack-in-the-pulpit, white wood aster, enchanter's and deadly nightshade, Virginia creeper, apple, false and true Solomon's seal, and clearweed.

**Unit:** 129  
**Acreage:** 0.29  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5' & 5-30'		Foundation	Foot traffic	Dumping
Deciduous	Red oak	5'-30'		Paved path		
Phanerophytes	Sassafras	5'-30'				
Slope	Ailanthus	5'-30'	Yes			
Dry/Moist						

**Comments:**

Pioneering trees on edge of golf course green near golf course parking lot. All trees about 25' and young. Understory is tree regeneration of above species plus buckthorn. Ground is covered in Japanese honeysuckle. Other plants include: Jack-in-the-pulpit, arrow-wood, white wood aster, Virginia knotweed, and enchanter's nightshade.

**Unit:** 130  
**Acreage:** 0.50  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'		Exotic planting	Sports	Erosion
Deciduous	Red oak	>30'		Full-crown	Foot traffic	
Phanerophytes	Black cherry	<5' & 5-30'			Golf Carts	
Slope						
Dry/Moist						

**Comments:**

Closed forest on edge of golf course. Large white and red oaks, a few large hickory spp. Lots of black cherry mixed in. Understory of black cherry and greystem dogwood. Other plants are goldenrod, white wood aster, bittersweet, deadly and enchanter's nightshade, Virginia knotweed, and pokeweed. Some paths eroded.

**Unit:** 131  
**Acreage:** 3.60  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Slope Dry/Moist	Red oak	>30'		Tree wells	Sports Foot traffic Golf carts	Compaction Brush pile

**Comments:**

Small woodlands of large oaks (most red, some black and white) on golf course and near concession trailer. Ground covered in CSG, some spots woodchipped. Water fountain and two large trailers in one section of unit. Other plants include dandelions, common plantain, lady's thumb, and mugwort.

**Unit:** 132  
**Acreage:** 0.77  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Black birch Red oak	All >30' & 5-30'		Ditch Exotic planting	Foot traffic	

**Comments:**

Steep slope behind golf concession trailer of all sizes of black birch and less large red oak. Ground covered with white wood aster. Other plants include: white oak, false Solomon's seal, flowering dogwood, Sassafras, Indian pipe, poison ivy, spotted wintergreen, black cherry (<5 ' ), blue-stemmed goldenrod, and black oak.

**Unit:** 133  
**Acreage:** 0.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>30'			Foot traffic	Trash
Deciduous	Ailanthus	<5' & 5-30'				
Phanerophytes	Black oak	>30'				
Slope	Red oak	>30'				
Dry/Moist						

**Comments:**

Steep slope from West Main Drive inside golf course to pond area. Large oaks make up woodland with Ailanthus saplings beneath. Ground covered in Virginia creeper and Jack-in-the-pulpit. Other plants are false Solomon's seal, Rubus, wild grape, spikenard, and Sassafras.

**Unit:** 134  
**Acreage:** 0.41  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Ailanthus	<5' & 5-30'	Yes		Foot traffic	
Deciduous	Sassafras	<5' & 5-30'				
Phanerophytes	Rubus	<5'				
Depression	Wild grape	<5'				
Dry/Moist						

**Comments:**

Clearing with saplings of Ailanthus and Sassafras with Rubus and wild grape mixed in. Lots of herbaceous species, too. Other species: Virginia creeper, enchanter's nightshade, dogbane, pokeweed, spikenard, Asiatic dayflower, Jack-in-the-pulpit, and great ragweed.

**Unit:** 135  
**Acreage:** 2.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Undulating Dry/Moist	Red oak	>30'		Culvert	Sports Foot traffic	

**Comments:**

Large red oaks with understory of regenerating trees (Sassafras, black cherry and black birch) and mapleleaf viburnum. Many spots open with white wood aster, enchanter's nightshade, Virginia knotweed, and others. Patch of Japanese knotweed. Other species: flowering dogwood, Indian pipe, lady's thumb, true and false Solomon's seal, starry campion, Joe-Pye weed and pin oak.

**Unit:** 136  
**Acreage:** 8.59  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Undulating Dry/Moist	Black cherry Red oak Black oak White oak	All >30' & 5-30' >30' & 5-30' >30' & 5-30'		Foundation	Foot traffic Golf carts Campfire/ party	Dumping Leaf dump

**Comments:**

Sections of black cherry-oak forest. Mostly red oaks, but also pin, black, and white. Some hickory spp., American beech, Sassafras, Ailanthus, Norway maple, black birch, and tulip tree. Other plants include Rubus, elderberry, Virginia knotweed, mapleleaf viburnum, white wood aster, enchanter's nightshade, goldenrod, redtop grass, American hornbeam, flowering dogwood. Note: brush piles.

**Unit:** 137  
**Acreage:** 3.00  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	>30' & 5-30'		Campfire	Foot traffic	
Deciduous	Red oak	>30' & 5-30'		Tree wells	Sports	
Hemicryptophytes	Black birch	>30' & 5-30'			Golf carts	
Undulating	Black cherry	<5' & 5-30'				
Dry/Moist						

**Comments:**

Undulating tulip forest, many large red oaks, plenty of black birch mixed in, less black cherry. Understory open, few black cherry, and Sassafras saplings. Ground covered in white wood aster and Virginia knotweed. Old campfires, some car parts. Other plants include white, pin, and black oaks, American elm, Sassafras, mapleleaf viburnum, horsebalm, enchanter's nightshade, pokeweed, mugwort, garlic mustard, violet, and agrimony.

**Unit:** 138  
**Acreage:** 0.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Graystem dogwood	<5' & 5-30'			Foot traffic	Trash
Deciduous	Porcelain berry	<5' & 5-30'	Yes		Sports	
Chamaephytes	Tulip tree	<5' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Small thicket of greystem dogwood partially covered by porcelain berry. Some tulip tree saplings near golf cart path. Other plants include Asiatic dayflower, black cherry, wild grape, European mountain ash, Virginia knotweed, and white wood aster.

**Unit:** 139  
**Acreage:** 0.46  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sweetgum	All			Foot traffic	
Deciduous	Red oak	>30'				
Hemicryptophytes						
Undulating						
Dry/Moist						

**Comments:**

Forested edge of golf course between fence and green. Large sweetgum, red oak and few pin oak. Understory with black cherry saplings. Ground covered in white wood aster, also good deal of Japanese Honeysuckle. Other plants include: white oak, Rubus, goldenrod, agrimony, self heal, Sassafras (<5 ' ), and mugwort.

**Unit:** 140  
**Acreage:** 1.00  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Tulip tree	>30'		Full-crown	Sports	
Deciduous	Red oak	>30'		Exotic planting	Golf carts	
Hemicryptophytes	Pin oak	>30'			Foot traffic	
Undulating	Flowering dogwood	5'-30'				
Dry/Moist						

**Comments:**

Sections of large tulip trees, a couple of red oaks and pin oaks, some small flowering dogwood. Mowed grass beneath trees. At bases of trees are clumps of white wood aster and black cherry seedlings.

**Unit:** 141  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Slope Dry/Moist	Black cherry Beech, European	>30' & 5-30' >30'	Yes		Foot traffic	Compaction

**Comments:**

Fairway boundary around the 18th hole consisting of a few black cherry and one European beech. Maintained understory of CSG.

**Unit:** 142  
**Acreage:** 0.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous Hemicryptophytes Depression Wet	Water-pepper Rice cutgrass Lady's thumb	<5' <5' <5'				

**Comments:**

Small wet meadow beside pond near the 1st hole. Other plants include common plantain, common ragweed, wool grass, Bidens sp., and orchard grass.

**Unit:** 143  
**Acreage:** 0.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Geophytes Depression Surface water	Cattails, common	<5' & 5-30'		Landfill		Trash Pollution

**Comments:**

Two patches of common cattails on edges of pond (near 1st hole). Duckweed is floating on surface. Other plants are Polygonum ( 2 spp.), black willow, rice cutgrass. MC: trash and pollution.

**Unit:** 144  
**Acreage:** 0.24  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Aquatic plant  Hydrophytes Depression Surface water						Trash Pollution

**Comments:**

Shallow pond filling in with cattails, some rice cutgrass on edges. Coontail submerged in pond, some duckweed floating on surface. Lots of trash (MC) in water, also oil slick and orange sludge. Other plants include barnyard grass and Polygonum sp.

**Unit:** 145  
**Acreage:** 0.49  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Hemicryptophytes Slope Moist	Mugwort	<5'	Yes			

**Comments:**

Mugwort meadow at edge of wet spot and before oak woodland. Mostly mugwort, some goldenrod, silver maple saplings, and black cherry saplings. Several footpaths.

**Unit:** 146  
**Acreage:** 1.13  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Black cherry Red oak Pin oak	All 5'-30' 5'-30'			Sports Foot traffic	

**Comments:**

Slope of small-medium black cherry and oaks. Understory open with groundcover of grasses and herbaceous plants. Some black birch mixed in. Other plants include Sassafras, Virginia knotweed, moss, cinquefoil, redbtop grass, white wood aster, and goldenrod.

**Unit:** 147  
**Acreage:** 0.40  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Undulating Dry/Moist	Norway maple	5'-30'	Yes	Exotic planting Full-crown	Sports Golf carts Foot traffic	

**Comments:**

Woodlands of Norway maple. One strip in middle of fairway, another at corner of black cherry-oak forest. Ground bare beneath or covered with CSG. Also some flowering dogwood.

**Unit:** 148  
**Acreage:** 0.83  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Undulating Dry/Moist	White oak Black oak Sassafras Hickory spp. Flowering dogwood	>30' & 5-30' >30' & 5-30' <5' & 5-30' >30' & 5-30' <5' & 5-30'			Foot traffic Golf carts Sports	

**Comments:**

Undulating forest of white and black oak, some red. Hickory spp. and flowering dogwood mixed. More Sassafras on edges, Sassafras seedlings throughout. Young black cherry throughout (< 5'). Ground bare or some white wood aster.

**Unit:** 149  
**Acreage:** 0.60  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Red top grass	<5'			Sports	
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Small spot of unmowed grass on slope -- redbtop grass, orchard grass, little bluestem, English plantain, deer-tongue grass included in unit.

**Unit:** 150  
**Acreage:** 0.82  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>30'		Exotic planting	Sports	Trash
Deciduous	Red oak	>30'		Full-crown	Foot traffic	
Hemicryptophytes	Sweetgum	>30'			Golf carts	
Undulating	Black cherry	<5' & 5-30'				
Dry/Moist						

**Comments:**

Strips of trees on golf course. Mostly oaks, red and pin, one white and sweetgum. A few large black cherry, some seedlings. Understory open, ground covered in grasses and annuals. Some spots mowed. Other species: white ash, black tupelo, fragrant rod, common ragweed, path rush, pokeweed, and deadly nightshade.

**Unit:** 151  
**Acreage:** 0.47  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Undulating Dry	Pin oak	5'-30'		Exotic planting Full-crown	Sports Foot traffic Golf carts	

**Comments:**

Strips of pin oak with a couple of sweetgum, one black tupelo and one white oak. Unit includes sand traps. Ground covered in CSG and crabgrass, path rush, redbtop grass, English plantain, and lamb's quarters.

**Unit:** 152  
**Acreage:** 0.51  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Undulating Dry/Moist	Sassafras Red oak Black cherry	5'-30' >30' & 5-30' 5'-30'		Exotic planting Full-crown	Sports Foot traffic Golf carts	

**Comments:**

Strip of Sassafras, red oak, and black cherry. Groundcover is mowed CSG. Other plants include: Rubus, flowering dogwood, poison ivy, redbtop grass, crabgrass, etc.

**Unit:** 153  
**Acreage:** 0.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hickory spp.	>30' & 5-30'			Sports	Compaction
Deciduous	Black oak	>30'			Golf carts	Erosion
Hemicryptophytes	Pin oak	>30'			Foot traffic	
Slope						
Dry/Moist						

**Comments:**

Small woodland of few hickory spp. and oaks. Understory open. Ground covered in CSG, mugwort, path rush, and white wood aster. Other spp. are Sassafras and poison ivy.

**Unit:** 154  
**Acreage:** 1.59  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5' & 5-30'	Yes	Foundation Landfill	Sports Foot traffic	Dumping
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Mugwort meadow with great ragweed, some common ragweed, redbottom grass, orchard grass, black cherry, and red oak seedlings. Other plants are Japanese hops, goosefoot, thistle, weeping willow, and pin oak.

**Unit:** 155  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Slope Dry/Moist	American beech	5'-30'		Exotic planting Full-crown	Sports Foot traffic Golf carts	Erosion

**Comments:**

Small unit of golf course made up of three American beech. Ground bare directly beneath trees, some CSG, and root suckers.

**Unit:** 156  
**Acreage:** 0.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Phanerophytes Level Dry/Moist	Sweetgum Black cherry Silver maple Oak, pin	<5' & >30' <5' & 5-30' >30' >30'			Foot traffic	

**Comments:**

Small patch of unmaintained woodland on golf course. Large sweetgum tree and seedlings and saplings, one large silver maple and a large pin oak. Lots of black cherry regeneration and several medium-sized trees. Other plants are: Norway maple, enchanter's nightshade, buckthorn, mugwort, Rubus, and deadly nightshade.

**Unit:** 157  
**Acreage:** 0.61  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	>30'			Sports	
Deciduous	Sweetgum	>30' & 5-30'			Foot traffic	
Phanerophytes	Norway maple	<5' & 5-30'	Yes			
Slope	Red oak	>30'				
Dry/Moist						

**Comments:**

Slope of large tulip trees and sweetgum with some large red oaks. Understory saplings of Norway Maple, Sassafras, black cherry and sweetgum. Other plants include: black oak, hickory sp., flowering dogwood, poison ivy, enchanter's nightshade, Virginia knotweed and white wood aster.

**Unit:** 158  
**Acreage:** 0.13  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	London plane tree	5'-30'	Yes	Exotic planting	Sports	Compaction
Deciduous	Beech, American	5'-30'		Full-crown	Golf carts	Fire
Hemicryptophytes	Black cherry	5'-30'			Foot traffic	
Undulating						
Dry/Moist						

**Comments:**

Small wooded strip of London planetree, American beech and black cherry. Underneath trees is bare soil and mugwort.

**Unit:** 159  
**Acreage:** 0.31  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert					Vehicle access Sports Foot traffic	Compaction Trash
Level Dry						

**Comments:**

Unpaved area surrounding golf concession garage trailer. Area covered in gravel, wood chips, and soil. Soil compacted. Plants include: crabgrass, lady's thumb, and lamb's quarters.

**Unit:** 160  
**Acreage:** 60.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Cool season grass	<5'			Foot traffic Golf carts Compaction	
Hemicryptophytes Undulating Dry/Moist						

**Comments:**

This unit includes all of the fairways and greens in the Forest Park golf course. CSG is maintained by mowing, irrigation and fertilizers(?). There is soil compaction in some areas. Unit includes sand traps and light/rough areas. Golf cart use throughout.

**Unit:** 161  
**Acreage:** 0.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sassafras	5'-30'		Exotic planting	Sports	
Deciduous	Black cherry	5'-30'		Full-crown	Golf carts	
Hemicryptophytes					Foot traffic	
Undulating						
Dry/Moist						

**Comments:**

Small patch of Sassafras and black cherry on golf course. Groundcover mostly CSG, but also mugwort, common ragweed, lady's thumb, poison ivy, and Virginia knotweed.

**Unit:** 162  
**Acreage:** 2.80  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>30' & 5-30'		Exotic planting	Sports	
Deciduous	Hickory spp.	>30' & 5-30'		Full-crown	Golf carts	
Hemicryptophytes	Flowering dogwood	5'-30'			Foot traffic	
Undulating						
Dry/Moist						

**Comments:**

Strips of pin oak, some white oak, red oak, black oak, sweetgum, flowering dogwood, hickory spp., red maple and black tupelo. Groundcover is mowed grass and lady's thumb, path rush, etc.

**Unit:** 163  
**Acreage:** 0.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	5'-30'			Foot traffic	
Deciduous	Black locust	5'-30'	Yes			
Geophytes						
Knoll						
Dry/Moist						

**Comments:**

Knoll covered with black cherry and some black locust. A few red oak, one hackberry, several flowering dogwood. Ground covered in Virginia knotweed. Footpath through center. Other species: arrowwood, rose, white wood aster, deadly nightshade, orchard grass, path rush, buckthorn, etc.

**Unit:** 164  
**Acreage:** 0.37  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5' & 5-30'			Foot traffic	
Deciduous	Bittersweet	<5' & 5-30'	Yes			
Lianas						
Undulating						
Dry/Moist						

**Comments:**

Edge of golf course between fence and grass. Trees of black cherry and red oak, some silver maple and Sassafras. May become vineland. Other plants include: goldenrod, orchard grass, deadly nightshade, pokeweed, Japanese honeysuckle, Ailanthus, and flowering dogwood.

**Unit:** 165  
**Acreage:** 0.29  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Linden, littleleaf	5'-30'	Yes	Exotic planting	Sports	
Deciduous	Locust, honey	<5' & 5-30'	Yes	Full-crown	Golf carts	
Hemicryptophytes					Foot traffic	
Undulating						
Dry/Moist						

**Comments:**

Golf course strip of linden and locust, some black cherry, mulberry, flowering dogwood, and Sassafras. Understory somewhat shrubby with rose and mulberry and black cherry saplings. Some spots mowed. Other species: horse chestnut, mugwort, orchard CSG, path rush, common ragweed, pokeberry, and silver maple.

**Unit:** 166  
**Acreage:** 0.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Horsechestnut	5'-30'	Yes	Exotic planting	Sports	
Deciduous				Full-crown	Golf carts	
Hemicryptophytes					Foot traffic	
Undulating						
Dry/Moist						

**Comments:**

Golf course planted strip of horse chestnut trees, widely spaced with mowed grass beneath. Other spp. include one littleleaf linden and one Norway maple, English and common plantain, white clover, violet, dandelion, pokeberry, buckthorn, and deadly nightshade.

**Unit:** 167  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Norway maple	5'-30'	Yes	Exotic planting	Sports	
Deciduous	Linden, littleleaf	5'-30'	Yes	Full-crown	Golf carts	
Hemicryptophytes					Foot traffic	
Undulating						
Dry/Moist						

**Comments:**

Golf course woodland strip of Norway maple and some littleleaf linden. Ground covered with CSG, dandelion, white clover, English and common plantain, and lamb's quarters.

**Unit:** 168  
**Acreage:** 0.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Silver maple	5'-30'		Exotic planting	Sports	Vandalism
Deciduous	Flowering dogwood	5'-30'		Full-crown	Foot traffic	
Hemicryptophytes					Golf carts	
Level						
Dry/Moist						

**Comments:**

Small patches of silver maple and flowering dogwood between golf course fence and green. Groundcover is CSG. Other plants: Great ragweed, black cherry seedlings, etc.

**Unit:** 169  
**Acreage:** 0.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Linden, littleleaf	5'-30'	Yes	Exotic planting	Sports	Erosion
Deciduous	Flowering dogwood	5'-30'		Full-crown	Foot traffic	Compaction
Hemicryptophytes					Golf carts	
Undulating						
Dry/Moist						

**Comments:**

Linden patch near golf course border of Interborough Parkway. Few flowering dogwood. Ground covered in CSG. Some dandelion, mugwort, white wood aster, and goldenrod.

**Unit:** 170  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	London planetree	5'-30'	Yes	Exotic planting	Sports	
Deciduous				Full-crown	Golf carts	
Hemicryptophytes					Foot traffic	
Undulating						
Dry/Moist						

**Comments:**

Clump of London plane tree in golf course next to fence near Interborough Parkway. Ground covered in CSG. Some goldenrod, common ragweed, lady's thumb, mugwort, great ragweed, buckthorn, Ailanthus, and black cherry.

**Unit:** 171  
**Acreage:** 0.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Geophytes Depression Surface water	Nar.-lvd. Cattails	<5'				Pollution Trash

**Comments:**

Edge of cattails, mostly narrow-leaved, some common cattails. Phragmites, polygonum (2 spp.), duckweed, wool grass and goldenrod also included.

**Unit:** 172  
**Acreage:** 0.03  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Geophytes Depression Wet	Woolgrass Silver maple	<5' <5' & 5-30'			Foot traffic	

**Comments:**

Small strip of wool grass with some silver maple saplings. Other plants include: goldenrod, polygonum (mild water pepper), red top grass and narrow-leaved cattails.

**Unit:** 173  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Geophytes Depression Wet	Phragmites	<5' & 5-30'				

**Comments:**

Phragmites patch in center of former pond. Dried up with some silver maple saplings and cattails, also duckweed, goldenrod, and polygonum (2 spp.).

**Unit:** 174  
**Acreage:** 0.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Hemicryptophytes Level Moist	Goldenrod	<5'			Foot traffic	

**Comments:**

Wet meadow of goldenrod, aster, mugwort, polygonum spp., wool grass and others.

**Unit:** 175  
**Acreage:** 0.33  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Silver maple	>30' & 5-30'			Culvert	
Deciduous	Black cherry	<5' & 5-30'				
Phanerophytes	Pin oak	>30' & 5-30'				
Undulating						
Dry/Moist						

**Comments:**

Forested strip between golf course green and fence. Above trees plus red oak, Norway maple, buckthorn, hawthorn, and witch hazel. Lots of mugwort. Several paths.

**Unit:** 176  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'				
Deciduous	Mugwort	<5'	Yes		Foot traffic	
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Slope of medium-sized red oaks, some black oaks. Open understory, ground covered in mugwort, goldenrod, and asters. Footpaths leading from hole in fence to golf course green. Other species: buckthorn, white snakeroot, and deadly nightshade.

**Unit:** 177  
**Acreage:** 0.84  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Vandalism
Deciduous	Red oak	>30'			Campfire/ party	
Phanerophytes	Buckthorn	<5' & 5-30'	Yes			
Undulating	Black cherry	<5' & 5-30'				
Dry/Moist						

**Comments:**

Woodland of large black and red oaks with understory of buckthorn(~ 7' ), some black birch mixed in (< 10' ), few larger black cherry. Many open spots with white wood aster and mugwort. Many footpaths, campfire and auto parts. Other plants include: flowering dogwood, goldenrod, Virginia knotweed, and witch hazel.

**Unit:** 178  
**Acreage:** 1.89  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	All		RR	Foot traffic	Erosion
Deciduous	Gray birch	<5' & 5-30'		Fence	Hang-out	Compaction
Phanerophytes	Black cherry	All				Dumping
Slope						
Dry/Moist						

**Comments:**

Pioneering forest on abandoned railroad tracks. Mostly black oak with scattered gray and black birches, Sassafras, black cherry, eastern cottonwood and others. Norway maple and Ailanthus on edges of street. Understory and groundcover open. In some spots (especially on slopes), there is soil compaction and erosion (MC). Hang-out for local loiterers. Other spp.: include flowering dogwood, pin oak, rose, red oak, chives, mugwort, catbrier, yarrow, aster, goldenrod, poison ivy, white ash, sweetgum, etc.

**Unit:** 179  
**Acreage:** 0.33  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	5'-30'		Exotic planting	Foot traffic	Compaction
Deciduous	Norway maple	<5' & 5-30'	Yes	Fence		Erosion
Phanerophytes	Black cherry	<5' & 5-30'				Trash
Slope						
Dry						

**Comments:**

Oak-maple-cherry edge off Park Lane South. Very compacted and trashy (MC), some soil erosion. Other spp: crabgrass, white wood aster, London planetree, dandelion, goldenrod, day lily, Japanese honeysuckle, mugwort, eastern cottonwood, chives, and poison ivy.

**Unit:** 180  
**Acreage:** 0.87  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Exotic planting	Foot traffic	Trash
Deciduous	Norway maple	All	Yes			Vandalism
Phanerophytes	Sweet cherry	<5' & >30'	Yes			Dumping
Slope						
Dry/Moist						

**Comments:**

Mixed closed forest of the above species at the corner of Park Lane South and Freedom Dr. Unit is behind playground and is also a hang-out spot. Other trees mixed in: white oak, black oak, hickory spp., pin oak, and tulip tree. Understory is disturbed and mostly barren, with trash, tree dumping and vandalism (spray painting on trees and playground fencing torn down). Regenerating Norway maple (along Freedom Dr.), black cherry and sweet cherry dominate understory. Other species: Jack-in-the-pulpit, false Solomon's seal, poison ivy, etc.

**Unit:** 181  
**Acreage:** 4.61  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'			Foot traffic	Fire
Deciduous	White oak	>30'			Campfire/ party	Trash
Phanerophytes	Black cherry	<5' & 5-30'			Hang-out	Erosion
Undulating						
Dry/Moist						

**Comments:**

Old growth woodland of red oak and white oak. Understory is thickly vegetated in most areas with young black cherry, black birch, mapleleaf viburnum and flowering dogwood. There are scattered patches of wild grape and freshly burned land. A number of canopy openings from fallen oaks (fire?). MC: area appears to be frequently burned (fire scars on oaks and numerous shoots regenerating phanaerophytes). Many birds and squirrels. Campfires present. Some erosion on slope facing railroad. Other spp.: wood anemone, Sassafrass, hickory spp, etc.

**Unit:** 182  
**Acreage:** 1.86  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	Fire
Deciduous	Red oak	>30' & 5-30'			Hang-out	Auto
Lianas	Wild grape	<5' & 5-30'			Campfire/ party	Trash
Slope	Flowering dogwood	<5' & 5-30'				
Dry/Moist						

**Comments:**

Two nonconnecting units. Old growth black oak-red oak forest on a slope dominated by wild grape in the understory. Young flowering dogwood and black cherry are consistent throughout. MC: unit was recently burned. Fire appears to be preventing vines spreading into oaks. Other species: mapleleaf viburnum, Rubus, gray birch (<5' ), catbrier, poison ivy, a couple of large hickory spp., black cherry, black birch (< 5' ) and more. Unit may be good for fire management study.

**Unit:** 183  
**Acreage:** 2.97  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Rail road	Foot traffic	Trash
Deciduous	Ailanthus	<5' & 5-30'	Yes			Fire
Chamaephytes	Rose	<5' & 5-30'	Yes			Dumping
Level						
Dry/Moist						

**Comments:**

Pioneering forest of black cherry and other trees with understory of rose. Unit is on abandoned railroad tracks on both sides of East Main Drive underpass. A lot of Ailanthus, Sassafras, black oak, black birch, and Norway maple. MC: area very trashy, hang-out spot with vandalism and fire. Other spp : Eastern cottonwood, bittersweet, Japanese honeysuckle, poison ivy, Jack-in-the-pulpit, blackhaw, chives, crab apple, gray birch, enchanter's nightshade, sycamore maple, wild geranium, small-flowered crowfoot, etc.

**Unit:** 184  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	<5' & 5-30'		Rail road	Foot traffic	Trash
Deciduous						Fire
Hemicryptophytes						Vandalism
Slope						
Dry/Moist						

**Comments:**

Small patch of Sassafras near the abandoned railroad tracks. Understory open. Other species: Rubus, rose, Japanese honeysuckle, enchanter's nightshade, white wood aster, chives, Pennsylvania sedge, black cherry, etc.

**Unit:** 185  
**Acreage:** 1.04  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Picnic	Fire
Deciduous	White oak	>30'			Foot traffic	Erosion
Hemicryptophytes					Campfire/ party	Vandalism
Undulating						
Dry/Moist						

**Comments:**

Open undulating woodland of large oaks with grass-sedge-rush groundcover. Area burns often, MC. Some small spots of Sassafras, gray birch, black cherry, oak and hickory spp. Regeneration. Also some areas of herbaceous plants such as white wood cinquefoil, goldenrod, aster, and clover. Slope leading to abandoned railroad tracks is bare and very eroded, a lot of soil is being deposited against chain-link fence. Other spp.: Pennsylvania sedge, woodrush, path rush, CSG, etc.

**Unit:** 186  
**Acreage:** 0.37  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Fire
Deciduous	Sassafras	<5' & 5-30'				Trash
Lianas	Wild grape	<5' & 5-30'				Erosion
Slope	Rose	<5'	Yes			
Dry/Moist						

**Comments:**

Small forest of red oak along the LIRR fence. Understory is younger Sassafras covered with wild grape. Rose is spreading through the unit while the ground is covered with Japanese honeysuckle. Part of the unit was recently burned. Large ditch on slope causing erosion. Other spp : hickory spp., flowering dogwood, black cherry, mapleleaf viburnum, true Solomon's seal, Jack-in-the-pulpit and more.

**Unit:** 187  
**Acreage:** 0.77  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory spp.	All			Vehicle access	Fire
Deciduous	Sassafras	All			Foot traffic	Auto
Phanerophytes	Flowering dogwood	5'-30'				Trash
Undulating						
Dry/Moist						

**Comments:**

A forest of hickory spp. Mixed with younger Sassafras and flowering dogwood along East Main Drive. There are some Norway maple along the road and a few white oak throughout the unit. Understory has a lot of young Sassafras and some black cherry mapleleaf viburnum. MC: There is vehicle access and an auto recently burned. Other species: mayapple, false Solomon's seal, wood anemone, 2 Eastern cottonwood, chives, mugwort, and more.

**Unit:** 188  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	All			Foot traffic	Erosion
Deciduous						Trash
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

A strip of black birch forest along East Main Drive. Steeply sloping, some erosion and trash. A couple of red and white oaks with scattered flowering dogwood. Mapleleaf viburnum dominates understory. Other species: Black cherry (<5'), false Solomon's seal and more.

**Unit:** 189  
**Acreage:** 0.36  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Norway maple	All	Yes	Exotic planting	Foot traffic Vehicle access	Trash Dumping

**Comments:**

Norway maple edge with trees of all sizes on corner of Freedom Dr. and Park Lane South. Understory of Norway maple, groundcover bare except for seedlings of same. Trash along road and opening where cars drive (MC). Other plants: white oak, dogwood, black cherry, white wood aster, false Solomon's seal, Aster, mulberry, Sassafras, mugwort, wineberry, enchanter's nightshade, etc.

**Unit:** 190  
**Acreage:** 6.49  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Undulating Dry/Moist	Red oak Black oak Black birch Viburnum, mapleleaf Black cherry	>30' & 5-30' >30' All <5' <5' & 5-30'			Foot traffic Dogwalking Vehicle access	Trash Fire Vandalism

**Comments:**

Closed forest along Freedom Dr. of mostly red and black oak with scattered black birch and flowering dogwood. Understory is thickly vegetated with mapleleaf viburnum and regenerating black cherry and black birch. Lots of bird activity. Block off vehicle access from Freedom Dr. Other species: Hickory spp., red maple, corktree, white oak, sweet cherry, devil's walking stick, poison ivy, wood anemone, wild oats, false Solomon's seal and more.

**Unit:** 191  
**Acreage:** 0.93  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	Compaction
Deciduous	Sassafras	<5' & 5-30'				Trash
Phanerophytes	Black cherry	<5' & 5-30'				
Slope	Flowering dogwood	<5' & 5-30'				
Dry/Moist						

**Comments:**

Slope leading to Park Lane South of large black oak overstory and smaller Sassafras, black cherry, and flowering dogwood. Several footpaths lead up slope, some trash throughout. Other plants are white oak, Norway maple, red oak, black birch, bittersweet, hickory spp., white wood aster, Rubus, catbrier, mapleleaf viburnum, enchanter's nightshade, violets, wild grape, etc.

**Unit:** 192  
**Acreage:** 0.74  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Vandalism
Deciduous	White oak	>30'				Dumping
Lianas	Wild grape	<5' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Black-white oak woodland with wild grape covering the ground, shrubs, and trees in the understory. Lots of black cherry, flowering dogwood, mapleleaf viburnum, buckthorn. Some hickory spp., Sassafras, Rubus, catbrier, and spicebush. Other plants include: white wood aster, false and true Solomon's seal, arrowwood, sweet cherry, black birch, horsebalm, red maple, and bittersweet.

**Unit:** 193  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous Deciduous Hemicryptophytes Undulating Dry/Moist	Mugwort	<5' & 5-30'	Yes			

**Comments:**

Edge off Park Lane South of large oaks with regenerating Norway maple. MC: confine maple regeneration, area trashy from road. Some white oak, black birch, black cherry, and Sassafras. Other species: buckthorn, spicebush, arrowwood, Jack-in-the-pulpit, white wood aster, Virginia knotweed, privet, day lily, flowering dogwood, sweet cherry, London planetree, poison ivy, enchanter's nightshade, and Norway spruce.

**Unit:** 194  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous Deciduous Hemicryptophytes Undulating Dry/Moist	Mugwort	<5' & 5-30'	Yes			

**Comments:**

Small area off East Main Drive bordering on apartment buildings. Mostly mugwort, some CSG. Ailanthus and other trees beginning to colonize area. Other species: black cherry, mulberry, dandelion, chicory, bitter dock, horse nettle, Queen Anne's lace, Japanese honeysuckle, wineberry, burdock, poison ivy, etc.

**Unit:** 195  
**Acreage:** 0.22  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Geophytes Level Dry/Moist	Black birch	<5' & 5-30'		Rail road	Foot traffic Hang-out	Vandalism Trash

**Comments:**

Strip of black birch on abandoned railroad tracks south of East Main Drive overpass. Understory open, groundcover sparse, some garlic mustard, black cherry (<5' ), rose, poison ivy, and Japanese honeysuckle. Some trash and vandalism (hacked trees). Other plants are enchanter's nightshade, barberry, white wood aster, etc.

**Unit:** 196  
**Acreage:** 0.53  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Phanerophytes Slope Dry/Moist	Ailanthus	<5' & 5-30'	Yes	Rail road	Foot traffic	Auto Dumping Trash

**Comments:**

Slope down from East Main Drive to abandoned railroad covered in medium-size and small Ailanthus. Understory mostly open, in spots there is Rubus, rose, and Japanese honey suckle. Lots of garlic mustard and mugwort. (MC) Several abandoned and trashed autos. Other spp.: Bedstraw, Jack-in-the-pulpit, heart-leaved aster, bitter dock, small-flowered crowfoot, and a few white oaks.

**Unit:** 197  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Eastern cottonwood	<5' & 5-30'				
Deciduous	Sassafras	<5' & 5-30'				
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Steep slope of above trees forming a thicket. Lots of oak regeneration (<5'). Lots of Japanese honeysuckle and wineberry, but also goldenrod and asters, true and false Solomon's seal, tick trefoils, etc.

**Unit:** 198  
**Acreage:** 0.70  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5' & 5-30'			Foot traffic	Trash
Deciduous	Blackhaw	<5' & 5-30'				Dumping
Chamaephytes	Flowering dogwood	<5' & 5-30'				
Slope	Viburnum, mapleleaf	<5'				
Dry/Moist						

**Comments:**

Slope leading to Freedom Drive of black cherry and scattered large red, white and black oaks with blackhaw and flowering dogwood understory and a lower layer of mapleleaf viburnum. MC: somewhat trashy from road. Other plants are black birch, sweet cherry, hickory spp., white wood aster, Sassafras, wood anemone, wild lily-of-the-valley, spotted wintergreen, false Solomon's seal, marsh marigold, etc.

**Unit:** 199  
**Acreage:** 1.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'		Paved path	Foot traffic	Trash
Deciduous	Norway maple	<5' & 5-30'	Yes	Lamppost	Vehicle access	Dumping
Chamaephytes	Ailanthus	<5' & 5-30'	Yes			
Slope	Black cherry	<5' & 5-30'				
Moist	Sassafras	<5' & 5-30'				

**Comments:**

Moist closed forest of large white oaks with black cherry, Norway maple, Ailanthus, Sassafras, and some red maple and sweet cherry. Understory made up of many regenerating trees, but mostly chamaephytes such as blackhaw, rose, Rubus, and spicebush. very trashy and dumped on from East Main Dr. and Freedom Dr. Other species: Jack-in-the-pulpit, false Solomon's Seal, arrowwood, red oak, white wood aster, poison ivy, Japanese honeysuckle, mugwort, black walnut (>30' ),flowering dogwood, hickory spp. etc

**Unit:** 200  
**Acreage:** 0.36  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	5'-30'				Trash
Deciduous	Norway maple	<5' & 5-30'	Yes			
Phanerophytes						
Level						
Dry/Moist						

**Comments:**

Mixed forest on edge of Freedom Drive. Mostly black cherry, but some Norway maple (with lots of regeneration), some Sassafras, white oak and hickory spp. Other plants include blackhaw, mapleleaf viburnum, enchanter's nightshade, white wood aster, spicebush, rose, false Solomon's seal, and barberry.

**Unit:** 201  
**Acreage:** 0.57  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5' & >30'			Foot traffic	Trash
Deciduous	Sassafras	5'-30'				
Phanerophytes	Flowering dogwood	5'-30'				
Slope	Black oak	<5' & >30'				
Dry/Moist						

**Comments:**

Oak forest with understory of Sassafras, flowering dogwood, mapleleaf viburnum, and black cherry saplings. Other spp.: true and false Solomon's seal, white wood aster, red maple, Virginia creeper, wild grape, hickory spp. (<5' ), Norway maple, etc.

**Unit:** 202  
**Acreage:** 0.97  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Campfire/ party	Fire
Deciduous	Viburnum, mapleleaf	<5' & 5-30'			Hang-out	Vandalism
Chamaephytes					Vehicle access	
Undulating						
Dry/Moist						

**Comments:**

Open oak woodland with charred understory of mapleleaf viburnum and saplings. MC: area has been burned often (resprouting trees, fire scars), and trees are vandalized. Other spp.: flowering dogwood, Sassafras, hickory spp., American beech, black birch, black oak and gray birch. Also vehicle access from Myrtle Ave.

**Unit:** 203  
**Acreage:** 7.01  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'			Foot traffic	Fire
Deciduous	Black oak	>30' & 5-30'			Campfire/ party	Vandalism
Chamaephytes	Black birch	All			Hang-out	Compaction
Undulating	Buckthorn	<5' & 5-30'				
Dry/Moist	Beech, American	>30' & 5-30'				
	Viburnum, mapleleaf	5-30' & <5'				

**Comments:**

Woodland of large oaks, birch, and beech. Understory dense (in most places) with shrubs: buckthorn, mapleleaf viburnum, spicebush, and others. MC: area is being trashed by fires, tree cutting, and hacking. Open areas with burn and grassy pathways. spp.: Pennsylvania sedge, Sassafras, Virginia knotweed, wild lily-of-the-valley, false and true Solomon's seal, wild oats, white wood aster, Jack-in-the-pulpit, hickory spp., etc.

**Unit:** 204  
**Acreage:** 0.24  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>30'				Erosion
Deciduous	Norway maple	>30'	Yes			Compaction
Chamaephytes						Trash
Slope						
Dry/Moist						

**Comments:**

Two non-connecting landscaped areas surrounding recreation facility at the corner of Park Lane South and Myrtle Ave. Part of unit on Myrtle Ave. was probably formerly maintained. Erosion problem near Myrtle Ave. A lot of leaf litter. Other spp.: privet (planted along Myrtle Ave), tartarian honeysuckle, Euonymus, young Norway maple, a couple of American hornbeam, a couple of young American beech, CSG, and Forsythia.

**Unit:** 205  
**Acreage:** 1.04  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	London Planetree	>30'	Yes	Exotic planting	Foot traffic	Compaction
Deciduous	Norway maple	All	Yes			Trash
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

Small forest adjacent to Jackson Pond Playground. Most of the ground is compacted from foot traffic. Planted privet, mapleleaf viburnum and Siebold viburnum dominate understory. Leaf litter. Other species: three sweet cherry, two black oak and more.

**Unit:** 206  
**Acreage:** 0.57  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Berm	Vagabond	Dumping
Deciduous	Knotweed, Japanese	<5'	Yes			Trash
Geophytes						
Depression						
Moist						

**Comments:**

Depression off Freedom Dr. with several large red oaks and Japanese knotweed. Along road are Norway maple, Ailanthus, and black cherry. Other plants include: hickory spp., corktree, Sassafras, mugwort, Jack-in-the-pulpit, graystem dogwood and wild grape. MC: Lots of dumping from the road, also a vagabond hang-out.

**Unit:** 207  
**Acreage:** 0.86  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	All			Foot traffic	Trash
Deciduous	Sassafras	<5' & 5-30'				
Chamaephytes	Red oak	All				
Slope						
Dry/Moist						

**Comments:**

Wild grape growing on a variety of shrubs, trees, and over the ground. Some large red and black oaks, smaller oaks, hickories, Sassafras and black cherry. Lots of mapleleaf viburnum. Other species are Rubus, false and true Solomon's seal, bittersweet, corktree, may apple, white wood aster, cultivated lily-of-the-valley, garlic mustard, Virginia knotweed, rose, etc.

**Unit:** 208  
**Acreage:** 0.29  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Hang-out	Vandalism
Deciduous	White oak	>30'			Campfire/ party	Fire
Hemicryptophytes	Red oak	>30'			Foot traffic	
Knoll						
Dry/Moist						

**Comments:**

The kind of unit that turns entitator's stomachs (MC). 60 year old oaks cut down and burned, others hacked, bottles broken, and pits dug. All occurring on top of a grass-sedge-rush knoll. Other species are white wood aster, mapleleaf viburnum, Pennsylvania sedge, path rush, wood rush, CSG, violets, black cherry, and moss.

**Unit:** 209  
**Acreage:** 0.27  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	<5' & 5-30'			Foot traffic	Compaction
Deciduous	Norway maple	<5'	Yes		Vehicle access	Trash
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Steep slope to Myrtle Ave. of black birch with Norway maple regeneration. MC: opening in wrought iron fence, trash and compaction. Other spp.: false and true Solomon's seal, blackhaw, black cherry, white wood aster, Virginia knotweed, mugwort, enchanter's nightshade, deadly nightshade, Sassafras, red oak, mapleleaf viburnum, and highbush blueberry.

**Unit:** 210  
**Acreage:** 0.54  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All		Fence		Auto
Deciduous				Road		Erosion
Hemicryptophytes						
Slope						
Moist						

**Comments:**

Slope of mostly medium-sized red oaks leading down toward old railroad bed. A fair amount of small regenerating black cherry; other regenerating trees include oak, sweetgum, hickory spp., flowering dogwood, Norway maple and sweet cherry. Two abandoned autos near East Main Dr. overpass; some erosion. A few large pin oaks and some black cherry 5-30' tall. Other species: lots of Japanese honeysuckle and poison ivy, aster, chives, wineberry, mapleleaf viburnum, Sassafras, Rubus, goldenrod, bittersweet, rose, true and false Solomon's seal, etc.

**Unit:** 211  
**Acreage:** 0.99  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All				
Deciduous	Viburnum, mapleleaf	<5'				
Chamaephytes	Blackhaw	<5' & 5-30'				
Slope						
Moist						

**Comments:**

Oak forest with lots of chamaephytes in the understory. Blackhaw appears older and taller than the mapleleaf. Foot traffic causing soil compaction and erosion. Mix of regenerating trees--oak and black cherry plus some flowering dogwood, hickory spp., Sassafras, and a little sweet cherry. Some large Sassafras along East Main Dr. Other spp.: highbush blueberry, spotted wintergreen, aster, goldenrod, CSG, wild grape, black oak, rose, wineberry, Pennsylvania sedge, false Solomon's seal, cinquefoil, mugwort, deadly nightshade, etc.

**Unit:** 212  
**Acreage:** 0.52  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Exotic planting	Trash
Deciduous						
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Large white oaks make up canopy of this mixed forest. Also, large black oak, sweet cherry, black locust, hickory spp., and Norway maple. Small Sassafras, black cherry, Ailanthus, flowering dogwood, and Norway maple. Forest floor carpeted with Norway maple seedlings, false Solomon's seal, Jack-in-the-pulpit, and white wood aster. Some trash and old dumping from Freedom Dr. and Myrtle Ave. Other species: mapleleaf viburnum, hobblebush, red garden currant, Virginia knotweed, etc.

**Unit:** 213  
**Acreage:** 0.22  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Vehicle access	Dumping
Deciduous	Red maple	5'-30'			Foot traffic	Trash
Phanerophytes						Compaction
Level						
Moist						

**Comments:**

Forest of large red oaks and understory of red maple. Some Norway maple near border of Myrtle Ave. MC: break in wrought iron fence, some dumping and compacted foot trail. Ground covered in false Solomon's seal, white wood aster, Jack-in-the-pulpit and fringed loosestrife. Other spp.: blackhaw, arrowwood, false nettle, Virginia knotweed, mapleleaf viburnum, and wild geranium, etc.

**Unit:** 214  
**Acreage:** 0.33  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Berm	Foot traffic	Culvert
Deciduous						Soil Pits
Geophytes						
Depression						
Wet						

**Comments:**

Clearing with a few large oaks, black walnuts, Norway maple near Myrtle Ave. Culvert empties out here creating locally wet conditions. Ground covered in garlic mustard, false Solomon's seal, Jack-in-the-pulpit, fringed loosestrife, Virginia knotweed, poison ivy, enchanter's nightshade, and jewelweed. MC: culvert and trash. Other plants include flowering dogwood, mulberry, blackhaw, sweet cherry, corktree and wild oats.

**Unit:** 215  
**Acreage:** 0.34  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes	Rail road	Foot traffic	Dumping
Deciduous	Wineberry	<5'	Yes			Compaction
Hemicryptophytes	Japanese honeysuckle	<5'	Yes			Trash
Undulating						
Dry						

**Comments:**

Open areas with compacted paths running through. Formerly railroad, now overgrown with above plus heart-leaved, white wood, and other asters, goldenrod, dandelion, Japanese knotweed, Virginia knotweed, Pennsylvania sedge, bedstraw, red clover, Norway maple, Ailanthus, etc. MC: Compaction, trash, and dumping.

**Unit:** 216  
**Acreage:** 0.41  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5' & >30'			Foot traffic	Compaction
Deciduous					Vehicle access	Erosion
Chamaephytes						Trash
Slope						
Moist						

**Comments:**

White oak (a few scattered red inclusive) sloping northwest from atop a grassy knoll to a slope filled with mapleleaf viburnum and regenerating species such as black cherry, black birch, hickory, flowering dogwood, oak, and a few Norway maple. MC: lots of tiny oak seedlings--should monitor their progress in this semi-disturbed environment. Lots of foot traffic; lots of trash along Myrtle Ave.; only other disturbance is a pile of dog bones. Many other species include path rush, Pennsylvania sedge, wild lily-of-the-valley, moss, blackhaw, etc.

**Unit:** 217  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	All			Foot traffic	Trash
Deciduous	Red oak	All			Vehicle access	Erosion
Phanerophytes	Norway maple	All	Yes			
Slope						
Dry/Moist						

**Comments:**

Slope of black birch with some 2" dbh or more red oaks scattered within. Norway maple is concentrated just west of East Main Dr. overpass; Norway maple regeneration throughout unit. Black birch regeneration toward top of slope. Trash, mostly glass bottles, adjacent to sidewalk and fence. Some erosion problems causing root exposure. Other species: mapleleaf viburnum, black cherry (<5' ), aster, goldenrod, enchanter's nightshade, a few tiny oak seedlings, moss, spotted wintergreen, wild grape, spicebush, poison ivy, etc.

**Unit:** 218  
**Acreage:** 0.30  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Tulip tree	>30'&<5'		Fence	Foot traffic	Erosion
Deciduous					Vehicle access	Trash
Phanerophytes						Compaction
Slope						
Moist						

**Comments:**

Small disturbed woodland of scattered tulip tree with hickory spp., red, black, and white oak, Sassafras and black birch in the over-story(not many large trees all together). Unit is open-patches of bittersweet on the ground; lots of foot paths, leaf litter, old cribbing that's severely eroded on slope next to drive; Norway maple and black cherry regeneration in patches. Other spp: Aster, Jack-in-the-pulpit, (quite a bit adjacent to the fence), garlic mustard, goldenrod, etc. MC: clean it up, fix fence and correct erosion.

**Unit:** 219  
**Acreage:** 1.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Fire
Deciduous	Black oak	>30'				Compaction
Chamaephytes	Black birch	<30'				
Slope						
Moist						

**Comments:**

Recent fire has scarred some of the large oaks that dominate this unit. Black birch concentrated mostly in southwest end. Lots of mapleleaf viburnum, scattered black cherry regeneration throughout and patches of Sassafras <5'. Patches of wild grape vines on slope leading into forest; spots where leaf litter has been burned and soil exposed. One patch of greystem dogwood in unit. Quite a bit of spicebush in SW end. Scattered trees include flowering dogwood, black cherry, and Sassafras. Other spp.: hickory spp., etc.

**Unit:** 220  
**Acreage:** 1.09  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	5-30' & <5'			Vehicle access	Trash
Deciduous	Spicebush	5-30' & <5'				
Chamaephytes						
Level						
Wet						

**Comments:**

Unit adjacent to Myrtle Ave. (near the East Main Drive overpass) is characterized by the above species although there's mixed group of large trees in the canopy-black locust, Sassafras, black and red oak, and black birch. Patch of arrowwood and a patch of corktree present. Also a viney patch of honeysuckle, catbrier, bittersweet, and wild grape. Fence is broken in spots; lots of trash. MC: wet site to manage. Other species are black birch<5', Sassafras, American hornbeam, red maple regenerating, mapleleaf viburnum etc.

**Unit:** 221  
**Acreage:** 0.30  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Black birch	All			Foot traffic	Erosion Fire

**Comments:**

Black birch on slope along E. Main Dr. Some root exposure but lots of leaf litter, some erosion problems. Four large red oaks in unit. Fire has spread into this unit(little damage). Other species include mapleleaf viburnum, flowering dogwood, CSG, aster, wild lily-of-the-valley, daffodil, black cherry (<5'), enchanter's nightshade, wineberry, poison ivy, Rubus, goldenrod, elderberry, Ailanthus, Pennsylvania sedge, mugwort, Joe-pye weed, hickory spp., etc.

**Unit:** 222  
**Acreage:** 5.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Level Moist	Black oak Hickory spp. Red oak Black birch Corktree	All All All All 5-30'&<5'			Foot traffic Vehicle access	Compaction Soil Pits

**Comments:**

Mixed overstory of oaks, hickory, and scattered black birch with lots of regenerating corktree. Not much oak in the lower size classes. Other trees in overstory: tulip tree, sweetgum, red maple, Sassafras and some black cherry. Other spp: flowering dogwood, mugwort, CSG, privet (near the drive), mulberry, false and true Solomon's seal, Aster, Rubus, garlic mustard, patches of wild grape, Virginia knotweed, Virginia creeper, elderberry, mapleleaf viburnum, ferns, wild geranium, red garden currant, etc.

**Unit:** 223  
**Acreage:** 0.47  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Level Moist	Sweetgum	>30' & 5-30'				

**Comments:**

Narrow strip of large sweetgum in midst of unit 222. Sparse understory of corktree and some flowering dogwood and sweetgum. Other spp.: false and true Solomon's seal, a blanket of Japanese honeysuckle, Sassafras(<5'), chives, garlic mustard, rose, spicebush, Aster, etc. One small pit in unit.

**Unit:** 224  
**Acreage:** 0.56  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Therophytes Level Wet	Mulberry	5-30'	Yes	Culvert	Vehicle access	Dumping

**Comments:**

Small disturbed edge with wet-site spp. due to exposed drain pipe leading from beneath Myrtle Ave. Mulberry most consistent tree in overstory also some American sycamore(>30'), red and black oak(>30'), corktree (5-30'), black cherry, red maple, Norway maple, hickory and Sassafras. Groundcover mostly jewelweed, garlic mustard and enchanter's nightshade. Dumping along road. Large blowdown resting on fence. Patches of wild grape, open spaces. Other spp.: small flowered crowsfoot, Jack-in-the-pulpit, chives, etc.

**Unit:** 225  
**Acreage:** 2.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Dumping
Deciduous	Corktree	5-30'&<5'	Yes		Vehicle access	Compaction
Phanerophytes						Soil Pits
Level						
Moist						

**Comments:**

Red oak overstory, regenerating corktree, and shrubby understory of mapleleaf viburnum with arrowwood and spicebush. Much black cherry regeneration and some flowering dogwood. MC: Dumping along Myrtle Ave., fence broken in spots. Kids dig pits, much traffic, maybe bikes too. Other trees are pin oak, Sassafras, black birch, and black oak. Other spp: CSG, mugwort, wild lily-of-the-valley, false and true Solomon's seal, moss, cinquefoil, Jack-in-the-pulpit, jewelweed, Rubus, Virginia knotweed, wild grape, etc.

**Unit:** 226  
**Acreage:** 2.26  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30' & 5-30'			Foot traffic	
Deciduous	Red oak	>30' & 5-30'			Vehicle access	
Phanerophytes	Flowering dogwood	<5' & 5-30'				
Undulating	Black cherry	<5' & 5-30'				
Moist						

**Comments:**

Large oak forest with a thick understory of flowering dogwood (all <1"dbh). Regenerating black cherry, hickory, oak and birch scattered throughout, but concentrated mostly in west end of unit where there is a lot more black cherry and little dogwood. Other spp: Jack-in-the-pulpit (some in east end), corktree, spicebush, mapleleaf viburnum, red maple, Sassafras, jewelweed, false and true Solomon's seal, Aster, arrowwood, etc. Some trash in unit and soil pits.

**Unit:** 227  
**Acreage:** 1.44  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Erosion
Deciduous	Viburnum, mapleleaf	<5'				
Chamaephytes						
Slope						
Moist						

**Comments:**

Slope of red oak with a thick understory of mapleleaf viburnum. A few large black oak and black birch in overstory; regenerating black cherry and black birch in understory. Some arrowwood too. Unit slopes down from picnic knoll (unit 229b). Some plants are Aster, 1 white oak, a few flowering dogwood, and true and false Solomon's seal.

**Unit:** 228  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'			Foot traffic	Erosion
Deciduous	Black cherry	<5' & 5-30'				Trash
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Red oak (mostly 1-3"dbh) concentrated at top of slope, black cherry scattered . Sizeable patches of Sassafras and black birch. Much Jack-in-the-pulpit toward the bottom of slope where water collects. Unit is adjacent to Myrtle Ave. below unit 229b. Other spp. are Ailanthus, wild grape, spicebush, lots of poison ivy, chives, CSG, goldenrod, Norway maple regeneration, 1 crab apple, garlic mustard, Aster, bittersweet, lots of black birch (<5'), buckthorn, etc.

**Unit:** 229  
**Acreage:** 0.47  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Knoll Dry/Moist	Red oak	>30'			Picnic Campfire/ party	Fire Trash

**Comments:**

Grassy knoll (multiple unit), between Myrtle Ave. and E. Main Dr., is an undesignated picnic spot-lots of trash, fire rings, fallen logs, burnt trees. Burnt black cherry and mapleleaf viburnum. Some rock outcrops. MC: Should maintain (passively) as a picnic area to clean it up a bit; concrete fire pits an option. Other spp: black and white oak >30', CSG, path rush, Pennsylvania sedge, English plantain, cinquefoil, moss, Aster, and some black birch seedlings.

**Unit:** 230  
**Acreage:** 0.26  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Slope Dry/Moist	Black birch	All			Foot traffic Vehicle access	Erosion Compaction

**Comments:**

Slope of black birch along E. Main Dr.. Severe erosion in area near sidewalk; lots of root exposure. Rest of unit has an understory of mapleleaf viburnum. Not much birch regeneration here. Other spp: CSG, Aster, cinquefoil, flowering dogwood, 1 red oak (>30') and false Solomon's seal.

**Unit:** 231  
**Acreage:** 1.56  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'			Foot traffic	Fire
Deciduous	Black oak	>30' & 5-30'				Compaction
Phanerophytes	Hickory spp.	All				
Undulating	Black birch	All				
Moist	Black cherry	<5' & 5-30'				
	Flowering dogwood	<5' & 5-30'				

**Comments:**

Overstory of oak-hickory with black birch and black cherry regeneration. Quite a bit of flowering dogwood and mapleleaf viburnum. Foot traffic to picnic knolls. Some large white oak, regenerating Sassafras and buckthorn present. Rock outcrops. Blowdowns. Little or no oak regeneration. Some small white pine (2-3) near pine stand. Other spp: gray birch, CSG, Aster, tulip tree (5-10'), true and false Solomon's seal, wild grape, common mullein, Virginia knotweed, arrowwood, goldenrod, Pennsylvania sedge, etc.

**Unit:** 232  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Walnut, black	>30'			Soil pits	
Deciduous	Spicebush	<5' & 5-30'				
Chamaephytes						
Depression						
Moist						

**Comments:**

Moist depression off Myrtle Ave. Several large black walnut, a couple of red and black oaks. Understory made up of spicebush, buckthorn, elderberry, and European cranberrybush viburnum. Ground covered with Jack-in-the-pulpit, false and true Solomon's seal, enchanter's nightshade, chives and avens. Other spp: wild grape, black cherry, day lily, Norway maple, mapleleaf viburnum, arrowwood, Virginia knotweed, graystem dogwood, etc.

**Unit:** 233  
**Acreage:** 1.76  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	Compaction
Deciduous	White oak	>30'				Trash
Phanerophytes	Black cherry	<5' & 5-30'				
Undulating	Spicebush	<5' & 5-30'				
Moist						

**Comments:**

Large oaks in the overstory (including red oak) with an understory of black Cherry (5-30,<5') and some very large spicebush shrubs (up to 15' tall). Understory is thicket-like in places. Patches of buckthorn and some mapleleaf viburnum. Other saplings include flowering dogwood and tulip tree. Other species: hickory spp., greySTEM dogwood, Sassafras, wild grape, aster, blackhaw, false Solomon's seal, Norway maple, CSG, Virginia knotweed, arrowwood, etc.

**Unit:** 234  
**Acreage:** 0.30  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Buckthorn	<5' & 5-30'	Yes		Campfire/ party	Vandalism
Deciduous	Elderberry	<5' & 5-30'			Hang-out	Fire
Chamaephytes	Graystem dogwood	<5' & 5-30'				Trash
Level						
Moist						

**Comments:**

Clearing created when large double red oak fell, making a snag of large white oak. Lots of shrubby and viney vegetation. Pioneering trees are colonizing spot. Almost equal mix of listed species. Area is being misused as a ninja hide-out and campsite (MC). Other spp: black cherry, black birch, Sassafras, wild grape, spicebush, tulip tree, false and true Solomon's seal, one large red oak, flowering dogwood, white wood aster, arrowwood, etc.

**Unit:** 235  
**Acreage:** 0.29  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Norway maple	<5' & 5-30'	Yes	Landfill		Trash
Deciduous	Black oak	>30'				Dumping
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Steep slope off Myrtle Ave. of Norway maple. Several large black oaks, one European beech near play area. Understory and groundcover bare except for leaf litter. MC: trash and dumping. Other spp: sweet cicely, enchanter's nightshade, bittersweet, Ailanthus, chives, and Jack-in-the-pulpit.

**Unit:** 236  
**Acreage:** 2.12  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White pine	>30'		Exotic planting	Picnic	Trash
Evergreen						
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Planted grove of large white pines. A few hickory spp. and one red oak included. Understory wide open. Groundcover bare except for pine needles and an occasional white wood aster or clump of CSG. Some small black cherry and spicebush close to East Main Drive. Other spp. Include: false Solomon's seal.

**Unit:** 237  
**Acreage:** 1.62  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	All	Yes		Foot traffic	Dumping
Deciduous	Black birch	All				Compaction
Hemicryptophytes	Black cherry	All				Vandalism
Slope	Ailanthus	All				
Dry	Hickory spp.	>30' & 5-30'				
	Bittersweet	All				

**Comments:**

This unit includes non-connecting sections along the abandoned LIRR Rockaway line. MC: Highly disturbed-dumping, railroad remains, broken fence, auto, compaction and erosion, soil pits, encroachment by neighboring landowners. Unit is mostly Norway maple and black birch with understory varying from herbaceous to active dumpsite. Many other trees: mulberry, sweetgum, black walnut, red and white oak, American elm, gray birch, sycamore maple and more.

**Unit:** 238  
**Acreage:** 0.16  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	All		Rail road	Foot traffic	Dumping
Deciduous				Landfill		Trash
Hemicryptophytes						Vandalism
Slope						
Moist						

**Comments:**

A disturbed Sassafras forest along the abandoned railroad at Myrtle Ave. The Sassafras has a considerable amount of bittersweet and wild grape at the upper canopy level. There are some smaller mulberry, Sassafras, and Norway Maple in the understory. Ground is dominated by enchanter's nightshade, Aster, Virginia creeper, and garlic mustard. MC: Some dumping and parts of railroad fence vandalized. Many other species.

**Unit:** 239  
**Acreage:** 1.37  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	All	Yes		Foot traffic	Dumping
Deciduous	Black cherry	All				Vandalism
Lianas	Red oak	>30'				Trash
Undulating	Black oak	>30'				
Moist	Mulberry spp.	5'-30'	Yes			
	Wild grape	All				

**Comments:**

A somewhat disturbed forest of mostly even-aged Ailanthus and black cherry with scattered large red and black oak. The unit borders Myrtle Ave, the abandoned railroad and the bridle path. Wild grape covers some trees and Japanese honeysuckle and Virginia creeper dominate the moist ground. MC: extensive dumping along the Myrtle Ave slope: signs of vagabond shelter; trash. Other species: Sassafras, hickory, corktree, Norway maple, white oak, arrowwood, hackberry, buckthorn, mapleleaf viburnum, etc.

**Unit:** 240  
**Acreage:** 0.30  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	<5' & 5-30'	Yes			Erosion
Deciduous	Black cherry	5'-30'				Dumping
Phanerophytes	Sweet cherry	>30'	Yes			
Slope	Red oak	>30'				
Dry/Moist	Sassafras	5'-30'				

**Comments:**

Edge-like forest bordered by Myrtle Ave. Lots of Norway maple, most <15', but also many larger trees. Black cherry throughout, several large sweet cherry and large red oaks, some scattered Sassafras. Few herbaceous plants: poison ivy, white wood aster, enchanter's nightshade, garlic mustard, false Solomon's seal, Virginia knotweed, and Jack-in-the-pulpit. Ground mostly covered with regenerating Norway maple. Also, Ailanthus, hackberry, and mulberry. MC: Severe soil erosion and deposition down slope.

**Unit:** 241  
**Acreage:** 0.39  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'				
Deciduous	Red oak	>30'				
Lianas	Black oak	>30'				
Slope						
Moist						

**Comments:**

A closed forest of tall oaks sloping towards Myrtle Ave. Few scattered flowering dogwood, corktree, and black cherry in the understory. Ground layer is mostly Japanese honeysuckle and Virginia creeper. There is also some Norway maple regeneration extending from an adjacent unit. Other species: Sassafras (<5'), false Solomon's seal, Virginia knotweed, garlic mustard, mapleleaf viburnum, enchanter's nightshade, white wood aster, Jack-in-the Pulpit, and more.

**Unit:** 242  
**Acreage:** 0.14  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Rush, path	<5'			Foot traffic	Erosion
	Plantain, common	<5'	Yes		Horses	Compaction
Hemicryptophytes	Cinquefoil, common	<5'			Picnic	
Level						
Dry/Moist						

**Comments:**

Open herbaceous path. Some bare and eroded spots (MC). Other species include: oak, black birch and sweet cherry regeneration (<5'), moss, white wood aster, English plantain, Virginia knotweed, Aster, Joe-Pye Weed, Asiatic dayflower, lady's thumb, Queen Anne's Lace, white vervain, blue-stemmed goldenrod and other goldenrods, mugwort and great ragweed.

**Unit:** 243  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Black birch	<5' & 5-30'		Exotic planting		Trash

**Comments:**

Steep slope, but small, to East Main Drive. Vegetated with thick black birch, most 5-20'. Some exotic species: privet, horse-chestnut. One large tulip tree. Other plants include: spicebush, American elm, buckthorn, bittersweet, white wood aster, enchanter's nightshade, and helleborine.

**Unit:** 244  
**Acreage:** 0.86  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Red oak Flowering dogwood Wild grape	All <5' & 5-30' >30' & 5-30'		Rail road Landfill	Foot traffic	Dumping Vandalism Compaction

**Comments:**

This unit contains non-connecting sections of mostly even-aged red oak on the slope down to the abandoned LIRR tracks. Somewhat disturbed; MC: dumping, large holes dug in and around tracks; compaction from the railroad; and broken fencing. Wild grape covers a portion of the upper canopy with flowering dogwood, Norway maple, sycamore maple, and black cherry dominating the understory. Other species: blackhaw, black birch, garlic mustard and many more.

**Unit:** 245  
**Acreage:** 1.02  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	All			Foot traffic	Vandalism
Deciduous	White oak	<5' & >30'				Fire
Phanerophytes	Flowering dogwood	<5' & 5-30'				Dumping
Undulating	Red oak	>30'				
Dry/Moist	Black cherry	<5' & 5-30'				
	Viburnum, mapleleaf	<5'				

**Comments:**

Closed forest of mostly black and white oak near the Interborough Parkway. The understory is dominated by young trees of black cherry, flowering dogwood, and hickory spp. Mapleleaf viburnum is consistent throughout. There is a large pit (25' diameter) not far from the Interborough which is a management concern. There are some walking paths and evidence of fire and previous auto dumping. Other species: American chestnut, wild grape, sweetgum, arrowwood, white wood aster, Indian pipe and many more.

**Unit:** 246  
**Acreage:** 0.30  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	<5' & 5-30'				Trash
Deciduous	Sassafras	<5' & 5-30'				Fire
Chamaephytes	Flowering dogwood	<5' & 5-30'				
Undulating	Black cherry	All				
Dry/Moist	Hickory spp.	<5' & 5-30'				
	White oak	>30'				

**Comments:**

This is a vineland of wild grape covering a thicket of Sassafras, flowering dogwood, and black cherry. There are some large hickory spp. and black and white oak. The understory is mostly mapleleaf viburnum. Part of the ground layer is leaf litter. Other species: white wood aster, goldenrod, oak spp. Seedlings, rose, and more.

**Unit:** 247  
**Acreage:** 0.26  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black birch	All			Horses	Compaction
Deciduous	Wild grape	<5' & 5-30'			Foot traffic	
Phanerophytes						
Undulating						
Moist						

**Comments:**

A small thicket-like woodland of black birch. There are a couple of large trees but most are 20' or less. The unit crosses the bridle path. Unit appears to be an opening in the canopy with a couple of fallen oaks. Unit may become a closed forest or a vineland. Mugwort and bittersweet are found along the bridle path. Other species are: black cherry, corktree, mapleleaf viburnum, white wood aster, and more.

**Unit:** 248  
**Acreage:** 1.84  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	<5' & >30'			Horses	Fire
Deciduous	Red oak	<5' & >30'			Foot traffic	
Hemicryptophytes	Flowering dogwood	5'-30'			Campfire/ party	
Undulating	Corktree	All	Yes			
Moist	Sassafras	All				

**Comments:**

Two non-connecting sections of white oak dominating woodland. Red oak scattered throughout with an understory of flowering dogwood, corktree, and Sassafras. Oaks are old growth with scattered saplings. Might want to contain corktree expansion. Fires evident. Groundlayer mostly herbaceous with white wood aster, false Solomon's seal and mapleleaf viburnum. There are some narrow walking paths and the bridle path included. Other species: black oak, black cherry, buckthorn, hickory spp., Rubus, American chestnut, rose, wild grape, Joe-Pye weed, etc.

**Unit:** 249  
**Acreage:** 0.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Lianas Level Moist	Sassafras	All			Horses Foot traffic	Compaction

**Comments:**

This unit is a small closed forest of Sassafras which crosses the bridle path. Japanese honeysuckle and Virginia creeper dominate the understory at ground level. There are few young Sassafras. MC: Limit the expanding bridle path. Other species are: white wood aster, enchanter's nightshade, elderberry, helleborine, Jack-in-the-pulpit, wild grape and more.

**Unit:** 250  
**Acreage:** 1.12  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Therophytes Undulating Dry/Moist	Hickory spp. Flowering dogwood Corktree	>30' <5' & >30' <5' & >30'		Yes	Foot traffic Horses	Erosion

**Comments:**

Closed forest of hickory spp. with some scattered sweet cherry and black birch. Lower layer of flowering dogwood and corktree, some Ailanthus and Sassafras. Forest floor covered with white wood aster, false Solomon's seal, goldenrod, Virginia knotweed, Virginia creeper, and poison ivy. Other plants include: littleleaf linden, mapleleaf viburnum, black cherry and catbrier.

**Unit:** 251  
**Acreage:** 0.50  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	>30' & 5-30'		Landfill	Foot traffic	
Deciduous	Black cherry	5'-30'			Horses	
Hemicryptophytes	Black birch	>30' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Forest of mixed tree spp. More black birch on west side of path, more Sassafras on east side. Black cherry evenly distributed throughout. Good amount of flowering dogwood, some Ailanthus. Eroded foot/bridle path runs down center (MC). Ground covered in mixture of white wood aster, Virginia creeper, and poison ivy. Other plants include: mapleleaf viburnum, red oak, hickory spp., sycamore maple, wild grape, blackhaw, corktree, and privet.

**Unit:** 252  
**Acreage:** 0.20  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Landfill	Foot traffic	Dumping
Deciduous	Cornelian cherry	<5' & 5-30'	Yes			Vandalism
Chamaephytes	Ailanthus	All	Yes			Erosion
Slope	Forsythia	<5' & 5-30'	Yes			
Dry/Moist	Mugwort	<5'	Yes			

**Comments:**

A thin strip of planted red oak between the Interborough Parkway and 82nd Road. The understory is mostly cornelian cherry and Forsythia with a patch of mugwort and a patch of Ailanthus. Unit was probably landfilled and is disturbed. MC: Vandalized fencing along 82nd Road; dumping; deposition-erosion problem along 82nd Road; improperly maintained sidewalk along the Interborough, and neighborhood concern. Other spp.: great ragweed, goldenrod, common milkweed, graystem dogwood, etc.

**Unit:** 253  
**Acreage:** 0.04  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes	Landfill	Sewer	Erosion
Hemicryptophytes	Forsythia	<5'	Yes			Trash
Slope						
Dry						

**Comments:**

A small patch of mugwort with a strip of Forsythia between the Interborough Parkway and 82nd Road. This area was probably landfilled and has a sewer manhole in the center of the unit. There are a couple of small Ailanthus and one American Basswood (< 10'). MC: Sidewalk along Interborough needs maintenance; some erosion-deposition along 82nd Road and trashy. Other species: great ragweed, grass spp., etc.

**Unit:** 254  
**Acreage:** 0.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Paved path	Foot traffic	Trash
Deciduous	Black oak	>30'		Road	Vehicle access	Erosion
Phanerophytes	Norway maple	<5' & 5-30'	Yes			Dumping
Slope						
Dry/Moist						

**Comments:**

Narrow edge of planted oaks between Interborough Parkway and 82nd Road. Norway maple has seeded in, many saplings. MC: trees need pruning, are hanging down over street, also some trash and dumping from Interborough. Other species include white wood aster, white snakeroot, lady's thumb, mugwort, Ailanthus, American elm, and Forsythia. Neighbor on street complained about leaf pick-up, clogged drain and flooding.

**Unit:** 255  
**Acreage:** 0.43  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	<5' & 5-30'		Rail road	Foot traffic	Dumping
Deciduous	Catbrier	<5' & 5-30'		Landfill		Vandalism
Lianas	Pokeweed	<5' & 5-30'				Compaction
Undulating	Sumac, winged	<5' & 5-30'				
Dry/Moist	Bittersweet	<5' & 5-30'	Yes			

**Comments:**

A thick vineland of wild grape and catbrier covering a section of the abandoned LIRR near the Interborough Parkway. A few red oak and patches of Norway maple and winged sumac are covered by vines. Most of the canopy is under 15 feet. MC: Serious dumping problem; fencing vandalized on Parkway (neighborhood concern). There are other species.

**Unit:** 256  
**Acreage:** 5.71  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'		Trailmarker	Foot traffic	Erosion
Deciduous	Black oak	>30'		Full-crown	Horses	Auto
Phanerophytes	Black birch	All				Soil Pits
Undulating	Wild grape	All				
Dry/Moist	Flowering dogwood	<5'				

**Comments:**

Woodland of widely spaced red, black, white, and pin oaks with some large black birch mixed in. Understory is a thicket of trees (black birch, corktree, flowering dogwood, hickory spp., oaks, black cherry, and Sassafras) and shrubs (buckthorn, mapleleaf viburnum) overtopped with lots of wild grape. MC: trenches and pits dug, one a former vagabond homestead, and eroded bridle path.

**Unit:** 257  
**Acreage:** 0.97  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sassafras	All			Foot traffic	Dumping
Deciduous	Wild grape	All				Trash
Phanerophytes	Red oak	>30'				
Undulating						
Dry/Moist						

**Comments:**

A thicket-like woodland of Sassafras with wild grape throughout. There are large red oaks with an understory of American chestnut, black cherry, hickory spp., flowering dogwood, and winged sumac. There are some open herbaceous areas. The unit may become Sassafras forest or a wild grape vineland. Other species: sensitive fern, false Solomon's seal, Joe-pye weed, Rubus, mugwort, Virginia knotweed, wineberry, Jack-in-the-pulpit, true Solomon's seal, hay-scented fern, mapleleaf viburnum, whorled loosestrife, and more.

**Unit:** 258  
**Acreage:** 0.57  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'		Full-crown	Foot traffic	Fire
Deciduous	Wild grape	<5'			Campfire/ party	Compaction
Lianas					Horses	Hangout
Undulating						
Dry/Moist						

**Comments:**

Woodland of large red oaks, some black and white oaks. Very open understory with some saplings (black cherry, flowering dogwood, Sassafras, and buckthorn) and shrubs (mapleleaf viburnum), but mostly low-growing wild grape and herbs. MC: Party spots have burned, one opening with six paths covered with path rush leading to campfires. Other species: morning glory, large-leaved aster, St. John's wort, Joe-pye weed, hickory spp., and goldenrod.

**Unit:** 259  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	
Deciduous	White oak	>30'			Horses	
Phanerophytes	Black cherry	<5' & 5-30'				
Undulating						
Dry/Moist						

**Comments:**

Woodland of large red oaks, white oaks, hickory spp., with an understory of phanerophytes and mapleleaf viburnum. Regenerating trees are mostly black cherry, flowering dogwood, and buckthorn. Other plants include: red maple (< 15'), tulip tree (<15'), Sassafras (>15'), wild grape, white wood aster, Virginia creeper, poison ivy, and Virginia knotweed.

**Unit:** 260  
**Acreage:** 0.89  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5' & >30'			Foot traffic	
Deciduous	Black birch	<5' & 5-30'			Horses	
Phanerophytes	Viburnum, mapleleaf	<5'				
Undulating						
Dry/Moist						

**Comments:**

Large red oaks with a lower layer of black birch saplings. Mapleleaf viburnum in more open spots and beneath trees. Many herbaceous plants in open areas: white wood aster, false Solomon's seal, large-leaved aster, long beech fern, Pennsylvania sedge, deer-tongue grass, spotted wintergreen, hay-scented fern. Other species: flowering dogwood, black cherry, and spicebush.

**Unit:** 261  
**Acreage:** 0.24  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Corktree	5'-30'	Yes			
Deciduous	Jewelweed	<5'				
Therophytes	Lettuce, tall blue	<5' & 5-30'				
Depression						
Wet						

**Comments:**

Depression off bridle path with groundcover of jewelweed and tall blue lettuce. MC: Deposition of soil from bridle path down gully in center of unit. Besides corktree, trees included are flowering dogwood, one large red oak, Norway maple, and mulberry. Other species: Asiatic dayflower, garlic mustard, Jack-in-the-pulpit, bittersweet, false Solomon's seal, buckthorn, Virginia knotweed, Virginia creeper, goldenrod, great ragweed, and morning glory.

**Unit:** 262  
**Acreage:** 1.87  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Trailmarker	Foot traffic	Fire
Deciduous	Flowering dogwood	<5' & 5-30'			Horses	Compaction
Phanerophytes	Viburnum, mapleleaf	<5'				Erosion
Slope	Black birch	<5'				
Dry/Moist						

**Comments:**

Closed forest of large red oaks; some large black and white oaks and black birch mixed in. Understory of widely spaced flowering dogwood and smaller black birch. Mapleleaf viburnum consistent throughout unit most < 3'. Other species include: Sassafras, black cherry, hickory spp., sugar maple (1, > 25'), and corktree. Good amount of shinleaf pyrola, spotted wintergreen, false Solomon's seal, wild lily-of-the-valley, etc.

**Unit:** 263  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'				
Deciduous	Black birch	<5' & 5-30'				
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Two patches of thick (~10') black birch with overstory of red oak, white oak, and black birch. Groundcover beneath birches not as densely vegetated as surrounding area. Some mapleleaf viburnum on edges. Other species: wild lily-of-the-valley, false Solomon's seal, spotted wintergreen, and white wood aster.

**Unit:** 264  
**Acreage:** 3.90  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Tree id tag	Foot traffic	Fire
Deciduous	Black oak	5'-30'		Trailmarker	Horses	
Phanerophytes	Flowering dogwood	5'-30'			Campfire/ party	
Undulating	Corktree	<5' & 5-30'	Yes			
Dry/Moist						

**Comments:**

Large oak forest with lower canopy of flowering dogwood and corktree. Understory very open in most places, very little groundcover. Some pin oak, hickory spp., and black birch mixed in. Some spots with low mapleleaf viburnum. Other species: white oak, Sassafras, garlic mustard, Rubus, Virginia creeper, enchanter's nightshade, false Solomon's seal, Jack-in-the-pulpit, spotted wintergreen, and Indian pipe.

**Unit:** 265  
**Acreage:** 0.11  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	<5'				
Deciduous	Corktree	<5' & 5-30'	Yes			
Lianas	Black birch	<5' & >30'				
Level						
Dry/Moist						

**Comments:**

Very small viney patch of wild grape on top of saplings (above and black cherry, mulberry, Sassafras, etc.). Large white oak included in unit. Other plants include: Virginia creeper, panic grass, false Solomon's seal, Virginia knotweed, and mapleleaf viburnum.

**Unit:** 266  
**Acreage:** 0.20  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'				Dumping
Deciduous	Wild grape	<5' & 5-30'				Trash
Lianas	Corktree	All				
Slope						
Dry/Moist						

**Comments:**

Wild grape covering ground, small trees (corktree), and climbing into large trees (black oaks). Almost a vineland already. Other spp: Siebold viburnum, Sassafras, flowering dogwood, Jack-in-the-pulpit, enchanter's nightshade. MC: Some dumping from compost heap.

**Unit:** 267  
**Acreage:** 0.57  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	
Deciduous	Black oak	>30'				
Chamaephytes	Viburnum, mapleleaf	<5'				
Slope						
Dry/Moist						

**Comments:**

Woodland of large oaks with understory layer of low mapleleaf viburnum and occasional saplings. Other spp.: sweetgum, black birch, red maple, false Solomon's seal, Indian pipe, spotted wintergreen, Virginia creeper, corktree, and Rubus.

**Unit:** 268  
**Acreage:** 2.26  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Corktree	<5' & 5-30'	Yes		Foot traffic	Fire
Deciduous	Red oak	>30'				
Phanerophytes	Black oak	>30'				
Slope						
Dry/Moist						

**Comments:**

Forest of corktree <25,' with upper canopy of widely spaced red, black, and pin oaks. Other trees include: flowering dogwood, hickory spp., Sassafras, black birch, buckthorn, and American chestnut. Herbaceous layer contains false Solomon's seal, goldenrod, hare figwort, and Virginia creeper. Some spots with wild grape on trees and ground. Other spp: Japanese honeysuckle, spotted wintergreen, Pennsylvania sedge, black cherry, enchanter's nightshade, etc.

**Unit:** 269  
**Acreage:** 1.30  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Exotic planting Full-crown Paved path	Vehicle access Foot traffic Horses	Dumping Auto Compaction
Dry/Moist						

**Comments:**

Open, unvegetated (except for large planted trees) area off East Main Drive. MC: Used by DPR to dump leaves and wood chips and used as access point to surrounding forest. Public drives off road here. Abandoned autos pulled out and temporarily left here. Soil compacted and bare. Plants include white pine (>30'), common plantain, Norway maple (<20'), crabgrass, path rush, etc.

**Unit:** 270  
**Acreage:** 4.62  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'			Foot traffic	
Deciduous	Black birch	<5' & 5-30'			Vagabond	
Phanerophytes	Corktree	<5' & 5-30'	Yes			
Undulating	Sassafras	<5' & 5-30'				
Dry/Moist						

**Comments:**

Woodland of large oaks (mostly red, some black). Thicket-like understory of saplings (above and black cherry, hickory spp., buckthorn, flowering dogwood, sugar maple, etc.) and some mapleleaf viburnum. Many narrow footpaths. Other species include blueberry, spikenard, false Solomon's seal, whorled loosestrife, patch of ferns, enchanters nightshade, wild lily-of-the-valley, and white wood aster.

**Unit:** 271  
**Acreage:** 0.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland Deciduous Lianas Slope Dry/Moist	Wild grape	<5' & 5-30'				

**Comments:**

Small wedge of wild grape vineland on ground and overtopping small corktree, black birch and Sassafras. Other species: mapleleaf viburnum, Joe-Pye weed, black cherry, buckthorn, false Solomon's seal, deer-tongue grass, etc.

**Unit:** 272  
**Acreage:** 0.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Level Dry/Moist	White oak Flowering dogwood	>30' 5'-30'			Foot traffic Horses	Trash

**Comments:**

Small patch of white oaks and other trees in middle of unit 269. Understory open and ground covered with white wood aster, enchanter's nightshade, poison ivy, path rush, grasses, Virginia knotweed, avens, etc. Other species are: Norway maple, black cherry, hickory spp., spicebush, buckthorn, false Solomon's seal, and Rubus.

**Unit:** 273  
**Acreage:** 0.41  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	All		Exotic planting		Fire
Mixed	White pine	>30'				
Hemicryptophytes	White oak	>30'				
Level						
Dry/Moist						

**Comments:**

Patch of Sassafras with larger trees (white pine, white oak, pin oak, hickory spp.). Some saplings of Sassafras, black cherry, Norway maple and buckthorn, but understory is mainly open and ground covered with white wood aster. Other species include mapleleaf viburnum, blue-stemmed goldenrod, flowering dogwood, Joe-pye weed, and Virginia creeper.

**Unit:** 274  
**Acreage:** 0.51  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Linden, littleleaf	<5' & 5-30'	Yes	Exotic planting	Horses	
Deciduous				Full-crown	Foot traffic	
Phanerophytes						
Depression						
Dry/Moist						

**Comments:**

Strip of closed forest (~20' high) of mostly littleleaf linden. Some black cherry, black birch, tulip tree, and sweetgum mixed in (~20' high). Planted and formerly maintained strip of large white pine, sweetgum, and littleleaf linden. Bridle paths on either side of unit. Very little understory or herbaceous layer. Other species: white wood aster, Jack-in-the-pulpit, and false Solomon's seal.

**Unit:** 275  
**Acreage:** 1.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	5'-30'			Foot traffic	
Deciduous	Red oak	>30' & 5-30'			Horses	
Phanerophytes	Black birch	5'-30'				
Slope						
Dry/Moist						

**Comments:**

Closed forest thicket of ~20' high trees, mostly tulip tree, black birch, black cherry, red oak, buckthorn, and corktree. Upper canopy of large red oaks, some tulip tree. Some spots with mapleleaf viburnum. Other species are white wood aster, white snakeroot, starry campion, Joe-pye weed, false Solomon's seal, hickory spp., American chestnut, flowering dogwood, etc.

**Unit:** 276  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	<5' & 5-30'				
Deciduous	Black oak	>30'				
Lianas	Red oak	>30'				
Slope						
Dry/Moist						

**Comments:**

Small patch of wild grape in opening under red and black oaks. Vines covering small saplings and ground. Other species include false Solomon's seal, black cherry, hickory spp., corktree, Ailanthus, Virginia creeper, goldenrod, white wood aster, and hare figwort.

**Unit:** 277  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Phanerophytes Depression Moist	Ailanthus	<5' & 5-30'	Yes			

**Comments:**

Depression west of the bridle path filled with Ailanthus, most 5'-15' tall. Some large Ailanthus and corktree. Herbaceous layer of fringed loosestrife, jewelweed, enchanter's nightshade, and others: false Solomon's seal, Jack-in-the-pulpit, Rubus, flowering dogwood, arrowwood, black walnut, and hare figwort.

**Unit:** 278  
**Acreage:** 4.95  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Undulating Dry	Red oak Black oak White oak	>30' >30' >30'		Landfill	Horses Foot traffic Vehicle access	Erosion Auto Compaction

**Comments:**

Unit of four non-connecting sections of the bridle path beginning across from the white pine stand. Some areas are open canopy and some are closed. Trail width varies and is either bare ground or herbaceous cover. MC: Erosion and the sandy soils have created large pits which collect water, some compaction, auto dumping, tree vandalism, extensive trail widening, fire, and trash. Other species: mugwort, path rush, Aster, Polygonum sp., Asiatic dayflower, grass sp., Sassafras, etc.

**Unit:** 279  
**Acreage:** 0.13  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Culvert		Dumping
Deciduous	Linden, littleleaf	<5' & 5-30'	Yes			Trash
Phanerophytes	Tulip tree	>30' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Closed forest of large oaks and tulip trees with lower canopy of littleleaf linden and tulip tree. On steep slope with culvert. Other plants include black cherry, Sassafras, arrowwood, highbush cranberry, corktree, blackhaw, Virginia creeper, white wood aster, false Solomon's seal, and sweetgum.

**Unit:** 280  
**Acreage:** 0.69  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory spp.	>30' & 5-30'			Foot traffic	Trash
Deciduous	Sassafras	All				
Phanerophytes	Red oak	>30'				
Slope	Linden, littleleaf	All	Yes			
Dry/Moist						

**Comments:**

Slope into a depression of above species in almost equal amounts. Understory open with few trees < 15' and shrubs. Herbs include enchanter's nightshade, Jack-in-the-pulpit, false and true Solomon's seal, jewelweed, etc. Other plants include: flowering dogwood, corktree, tulip tree, white oak, black walnut, black cherry, black oak, and pin oak.

**Unit:** 281  
**Acreage:** 0.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Corktree	<5' & 5-30'	Yes		Foot traffic	
Deciduous	Hickory spp.	>30' & 5-30'				
Phanerophytes						
Undulating						
Dry/Moist						

**Comments:**

Forest of corktree, most 5-20' high. Several large hickory spp. and white, red, and black oaks. Well developed herbaceous layer. Species include sensitive and New York fern, buckthorn, black cherry, mulberry, Sassafras, flowering dogwood, mapleleaf viburnum, littleleaf linden, fringed loosestrife, enchanter's nightshade, Aster, goldenrod, false Solomon's seal, and Virginia creeper.

**Unit:** 282  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Compaction
Deciduous	Black oak	>30'				Trash
Chamaephytes	Black birch	>30' & 5-30'				
Undulating	Tulip tree	<5'				
Dry/Moist	Wineberry	<5'				

**Comments:**

A woodland of large red and black oaks with a lower layer of black birch and tulip tree. The understory has a lot of wineberry in spots and mostly barren in other spots. Unit may become dominated with black birch and tulip tree. Other species: flowering dogwood, Virginia knotweed, mulberry, black tupelo, white wood aster, goldenrod, Virginia creeper, jewelweed and more.

**Unit:** 283  
**Acreage:** 0.69  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Trash
Deciduous	Black oak	>30'				
Chamaephytes	Sassafras	All				
Undulating	Viburnum, mapleleaf	<5'				
Dry/Moist	Flowering dogwood	5'-30'				

**Comments:**

A forest of large oaks mixed with smaller trees of Sassafras and flowering dogwood. The understory is a mixture of mapleleaf viburnum, and arrowwood. Only black cherry seems to be regenerating. Unit crosses a walking path. Other species: false Solomon's seal, white wood aster, hickory spp. (<15'), Virginia creeper, black birch, enchanter's nightshade, wild lily-of-the-valley, chicken mushroom, and more.

**Unit:** 284  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5' & >30'			Foot traffic	Compaction
Deciduous	Viburnum, mapleleaf	<5'			Horses	Trash
Chamaephytes						
Undulating						
Dry/Moist						

**Comments:**

A forest of large red oaks and one white oak along the main bridle path. The understory is mostly mapleleaf viburnum with some scattered regeneration of black cherry, corktree, and black birch. Most of the unit is dry except near the bridle path where water collects and some jewelweed, Polygonum sp., and elderberry grow. Other species: flowering dogwood, white wood aster, path rush, Virginia knotweed, American chestnut and more.

**Unit:** 285  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All			Foot traffic	Trash
Deciduous	Hickory spp.	All				
Chamaephytes	Sassafras	All				
Undulating	Viburnum, mapleleaf	<5'				
Dry/Moist						

**Comments:**

An evenly mixed forest of large red oaks, and smaller hickory spp. and Sassafras. The understory is mostly mapleleaf viburnum with some flowering dogwood. The unit borders the bridle path. Other species: Virginia knotweed, false Solomon's seal, white wood aster, elderberry, jewelweed, enchanter's nightshade, corktree (<5'), and more.

**Unit:** 286  
**Acreage:** 0.64  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Landfill	Foot traffic	Exotics
Deciduous	Corktree	<5' & 5-30'	Yes		Horses	Compaction
Phanerophytes	Sassafras	All				Erosion
Slope						
Dry/Moist						

**Comments:**

A forest of tall oaks with a thick understory of regenerating corktree. Other trees: black oak, white oak, and hickory sp. MC: Control the spread of the corktree. An active bridle path crosses the unit. Evidence of previous fires. Other species: false Solomon's seal, white wood aster, mapleleaf viburnum, goldenrod, sensitive fern, hay-scented fern, Jack-in-the-pulpit, Asiatic dayflower, deer-tongue grass and more.

**Unit:** 287  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Mulberry spp.	5'-30'				Trash

**Comments:**

A very thin edge of mulberry (>20') mixed with some corktree, black cherry, and Norway maple near East Main Drive. Understory is mostly white wood aster, goldenrod, enchanter's nightshade and some wineberry. Also one Paulownia.

**Unit:** 288  
**Acreage:** 0.11  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Moist	Red maple Flowering dogwood Black cherry Red oak	>30' & 5-30' 5'-30' >30' & 5-30' >30' & 5-30'			Foot traffic	Trash

**Comments:**

A small forest near East Main Drive bordering the bridle trail. The above species are equally dominant with Austrian pine, tulip tree and Norway maple. Soil appears to be moist and ground is mostly leaf covered with some patches of white wood aster and enchanter's nightshade.

**Unit:** 289  
**Acreage:** 0.93  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Trash
Deciduous	Flowering dogwood	5'-30'				Fire
Hemicryptophytes	Tulip tree	All				
Undulating	Solomon's seal, f	<5'				
Dry/Moist						

**Comments:**

An open woodland of large red oaks mixed with a few large tulip trees, white oaks, and edge of black cherry and one large black walnut. Walking paths bisect the unit. Understory is a mixture of false Solomon's seal, white wood aster, and regenerating trees. Fire scars are apparent. Many other species: Jack-in-the-pulpit, goldenrod, spicebush, helleborine, pokeweed, Polygonum spp., wild oats, Virginia creeper, wild geranium, spikenard, kousa dogwood, black tupelo, arrowwood, deer-tongue-grass, and more.

**Unit:** 290  
**Acreage:** 1.62  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Foundation	Horses	Compaction
Deciduous	Black oak	>30'		Landfill	Foot traffic	Trash
Hemicryptophytes	Rush, path	<5'			Campfire/ party	Vandalism
Undulating	Aster, white wood	<5'				
Dry						

**Comments:**

Two non-connecting areas of disturbed woodland near the LIRR of mostly large oaks with a couple of hickory spp. MC: Unit appears to be a hang-out spot, actively used by horse-back riders and dirt bikers. Many compacted and eroded trails. Tree hacking. Most of the understory is covered with pathrush and other grasses with patches of forbs and trees sectioned off by paths. There are two foundations. Other species: helleborine, goldenrod, orchard grass, black birch, black cherry, sensitive fern, stargrass, thin-leaved hawkweed and more.

**Unit:** 291  
**Acreage:** 0.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Corktree	All	Yes		Vagabond	Exotics
Deciduous	Black cherry	All			Foot traffic	
Hemicryptophytes					Hang-out	
Depression						
Moist						

**Comments:**

A somewhat moist depression of corktree and black cherry. The unit contains a couple of large fallen trees. Understory is dominated by white snakeroot and false Solomon's seal. There is also a fair amount of regenerating corktree, Virginia knotweed, enchanter's nightshade and false nettle. MC: Appears to be a hang-out spot; vagabond presence, contain the spread of corktree; dumping of wood and metal. Other species: 2 black walnut, elderberry, jewelweed, Aster, deer-tongue-grass, Asiatic dayflower and more.

**Unit:** 292  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Aster, white wood	<5'				Fire
Deciduous	Corktree	<5' & 5-30'	Yes			Trash
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

The unit is adjacent to a bridle and walking path. A herbaceous opening of white wood aster, mixed with regenerating corktree and Sassafras. Many other forbs such as goldenrod, Joe-pye weed and Asiatic dayflower mixed in. Unit appears to have been burned within the past year. The unit's composition may change to a forest or woodland. Other species: Virginia knotweed, bittersweet, wild grape, whorled loosestrife, spikenard, Rubus, false Solomon's seal, black locust and more.

**Unit:** 293  
**Acreage:** 1.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hickory spp.	All			Foot traffic	
Deciduous	Black cherry	All				
Hemicryptophytes	Sassafras	All				
Slope	Black locust	<5' & >30'	Yes			
Dry/Moist	Red Oak	All				

**Comments:**

A closed forest of mostly the above species. Understory is mixed but dominated by false Solomon's seal and white wood aster. There's a patch of black tupelo and some black birch, flowering dogwood and corktree. Most of the unit is on a steep slope to the LIRR. Other species: Hay-scented fern, whorled loosestrife, goldenrod, Joe-pye weed, Virginia creeper, mapleleaf viburnum, Jack-in-the-pulpit, arrowwood, spicebush and more.

**Unit:** 294  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'			Foot traffic	
Deciduous	Black cherry	All			Horses	
Chamaephytes	Arrowwood	<5' & 5-30'				
Undulating	Hickory spp.	>30' & 5-30'				
Moist						

**Comments:**

An oak forest with a mixture of black cherry, hickory spp., and some young corktree that borders the main bridle path and walking path. Soils appear moist with arrowwood, and spicebush dominating the understory. Other species: spikenard, false Solomon's seal, poison ivy, blackhaw, Jack-in-the-pulpit, true Solomon's seal, white wood aster and more.

**Unit:** 295  
**Acreage:** 0.76  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	All			Foot traffic	Dumping
Deciduous	Mulberry spp.	All	Yes		Vagabond	Trash
Chamaephytes	Red oak	>30'				
Undulating	Black locust	All	Yes			
Moist	Arrowwood	<5' & 5-30'				
	Bittersweet	<5' & 5-30'	Yes			

**Comments:**

A woodland of black cherry, mulberry, and large red oaks. Soils are moist. Arrowwood, spicebush, elderberry, and blackhaw dominate vegetation under 15'. Bittersweet covers some shrubs and trees along East Main Drive. There is some auto parts dumping and signs of a vagabond shelter. Other species: black oak, black birch, corktree, Norway maple, flowering dogwood, jewelweed, mugwort, rose and more.

**Unit:** 296  
**Acreage:** 0.44  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Trash
Deciduous	Black oak	>30'				
Chamaephytes	Spicebush	<5' & 5-30'				
Undulating						
Moist						

**Comments:**

Similar to unit 302. It has undulating topography, moist soils, and an open canopy. Spicebush dominates the understory. There is evidence of previous automobile dumping. Other trees are white oak, black cherry and corktree. There are signs of a vagabond shelter. Other species: Arrowwood, elderberry, currant spp., garlic mustard, jewelweed, Joe-pye weed, deer-tongue grass, false Solomon's seal, pokeweed, goldenrod, Rubus, hare figwort, horsebalm, and more.

**Unit:** 297  
**Acreage:** 0.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	<5' & 5-30'			Foot traffic	Trash
Deciduous	Goldenrod	<5'				Dumping
Lianas	Arrowwood	<5' & 5-30'				
Slope	Flowering dogwood	5'-30'				
Dry/Moist						

**Comments:**

An open vineland with a fair amount of small tulip tree, arrowwood, flowering dogwood and goldenrod. The community structure may either become closed with tulip trees or a denser vineland. There is some dumping of auto parts and trash. Other species: mugwort, Joe-pye weed, white wood aster, wineberry, black cherry (<10'), hickory spp. (<10'), mapleleaf viburnum, bittersweet, corktree, and more.

**Unit:** 298  
**Acreage:** 0.74  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Vandalism
Deciduous	Black oak	>30'				Trash
Phanerophytes	Black birch	<5' & 5-30'				
Undulating						
Dry/Moist						

**Comments:**

A closed forest of large oaks adjacent to the LIRR. The understory is dominated by younger trees of black birch, black cherry, tulip tree and flowering dogwood. Vandals and erosion have destroyed much of the fencing along the railroad. Other species: patches of hay-scented fern, mapleleaf viburnum, American chestnut, false Solomon's seal, Joe-pye weed, whorled loosestrife, hickory spp. (<15'), common milkweed, American beech, poison ivy, mulberry, spotted wintergreen, white wood aster and more.

**Unit:** 299  
**Acreage:** 0.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	<5' & >30'		Landfill	Foot traffic	
Deciduous	Red oak	<5' & >30'				
Chamaephytes	Flowering dogwood	<5' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Small corner of oaks with lots of shrubs (mapleleaf viburnum and arrowwood) and lianas (wisteria, Virginia creeper, and bittersweet) tangled throughout understory. Good amount of flowering dogwood and Sassafras. Some black cherry and Ailanthus. Other species: black birch, American beech, red maple, white oak, spicebush, hickory spp., etc.

**Unit:** 300  
**Acreage:** 0.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Horses	Compaction
Deciduous	Red oak	>30'			Foot traffic	Erosion
Hemicryptophytes	White oak	>30'			Vehicle access	Trash
Undulating						
Dry						

**Comments:**

An open woodland on East Main Drive just west of the Long Island Railroad bridge. Part of the unit is mowed. There is an active bridle and walking trail in the unit. There is some compaction and erosion in the denuded area. The understory is mostly white wood aster, goldenrod, and path rush. Other species: honeywort, cinquefoil sp., grass sp., wineberry, Joe-Pye weed, spotted wintergreen, and more.

**Unit:** 301  
**Acreage:** 0.50  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	<5' & 5-30'			Horses	Erosion
Deciduous	Black oak	>30'			Foot traffic	Trash
Chamaephytes	Black birch	All				
Undulating	Viburnum, mapleleaf	<5'				
Dry/Moist						

**Comments:**

A closed forest of mostly large oaks divided by a wide and eroded bridle path. Black birch and flowering dogwood are consistent throughout. Mapleleaf viburnum dominates the understory. Much of the unit is sloping towards the LIRR. There is vagabond shelter under the railroad bridge adjacent to the unit. Other species: white wood aster, hickory spp., poison ivy, false and true Solomon's seal, Sassafras, American hornbeam, helleborine, elderberry, and more.

**Unit:** 302  
**Acreage:** 0.46  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Horses	Vagabond
Deciduous	Red oak	>30'			Foot traffic	Trash
Chamaephytes	Spicebush	<5' & 5-30'				Compaction
Undulating						
Moist						

**Comments:**

A moist, undulating oak forest extending from the LIRR fence across the bridle trail near East Main Drive. Other trees include: white oak, hickory spp., black walnut, some small black birch, black cherry, and flowering dogwood. MC: vagabond. Other species: Sassafras (<5'), true and false Solomon's seal, garlic mustard, horsebalm. Arrowwood, poison ivy, Jack-in-the-pulpit, wineberry and more.

**Unit:** 303  
**Acreage:** 0.09  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'		Landfill		Dumping
Deciduous	Red oak	>30'		Exotic planting		Trash
Chamaephytes	Hawthorn	<5' & 5-30'		Full-crown		
Slope	Blackhaw	<5'				
Dry/Moist	Corktree	<5' & 5-30'	Yes			

**Comments:**

A narrow strip of planted oaks and shrubs along the Inter-boro parkway eastbound at Metropolitan Ave. Blackhaw and hawthorn dominate the understory with a few small Norway maple and scattered forbs. MC: Dumping from the Parkway. Other species: basswood, white wood aster, black cherry, and more. This unit was probably landfilled and has planted trees and shrubs along the parkway.

**Unit:** 304  
**Acreage:** 0.43  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Full-crown		
Deciduous	Pin oak	>30'				
Hemicryptophytes	Basswood, American	>30'				
Slope	Norway maple	<5' & >30'	Yes			
Dry/Moist						

**Comments:**

A sloping, planted oak forest between the Interborough Parkway and 82nd Street. There are a couple of large planted American basswood and Norway maple. Some of the trees have tree wells. Ailanthus is regenerating along the Interborough Parkway. There are also some shrubs of blackhaw and hawthorn. The unit is very trashy, especially from Parkway dumping. Understory is mostly herbaceous with white wood aster dominating. Some mugwort and great ragweed along the Parkway. MC: Tree branches are covering the street lights.

**Unit:** 305  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'		Landfill	Foot traffic	Fire
Deciduous	Black oak	>30'				Trash
Hemicryptophytes						
Slope						
Dry						

**Comments:**

This is a small sloping woodland of red and black oak at the corner of the Interborough Parkway westbound and the abandoned LIRR. There are a couple of flowering dogwood, black cherry, and hickory spp. The understory is a groundlayer of white wood aster and some regenerating Sassafras along the railroad fence. There is some path rush along a walking path. Evidence of previous fires.

**Unit:** 306  
**Acreage:** 0.11  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'			Foot traffic	Drugs
Deciduous	White oak	>30'				Trash
Chamaephytes	Pepperbush, sweet	<5' & 5-30'				Compaction
Undulating						
Moist						

**Comments:**

A small forest of red and white oak along the Interborough parkway and the abandoned LIRR Rockaway Line. Sweet pepperbush dominates the understory. Other trees are sweetgum, black cherry and flowering dogwood. MC: There is a paved walking path in the unit littered with crack vials and syringes. Other spp: white wood aster, false Solomon's seal, arrowwood, Virginia creeper, American elm and more.

**Unit:** 307  
**Acreage:** 0.79  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Exotic planting	Foot traffic	Drugs
Deciduous	White oak	>30'				Erosion
Chamaephytes	Red oak	>30' & 5-30'				Dumping
Undulating	Flowering dogwood	5'-30'				
Dry/Moist						

**Comments:**

This is an oak forest of large trees with an understory of flowering dogwood. Vegetation under 15' is almost an equal mix of mapleleaf viburnum and herbaceous plants such as white wood aster, false Solomon's seal, and wild lily-of-the-valley. MC: Drug paraphernalia, severely eroded walking paths, vandalized lamps, soil pit, auto parts dumping, and more. There are some exotic shrubs planted along the Interborough Parkway such as mountain laurel, Forsythia, and Rhododendron spp. Many more common spp.

**Unit:** 308  
**Acreage:** 0.13  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	All		Exotic planting		Trash
Deciduous	Mountain laurel	<5' & 5-30'				
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

A narrow strip of Sassafras bordering the westbound Interborough Parkway. There appears to be exotic planting of mountain laurel, Rhododendron spp., and Forsythia in the understory. Also mixed in the unit is sweetgum, white oak, and arrowwood. Some trash from the parkway and evidence of fire. Other spp: Rubus, Norway maple, mugwort, white wood aster, Joe-Pye weed, mapleleaf viburnum and more.

**Unit:** 309  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes		Foot traffic	Dumping
Deciduous	Joe-Pye weed	<5'			Campfire/ party	Fire
Hemicryptophytes	Red oak	5'-30'				Trash
Level	Wild grape	<5' & 5-30'				
Dry/Moist						

**Comments:**

This herbaceous meadow of mugwort and Joe-Pye weed is slowly being covered with wild grape. There are a few red oaks and hickory spp. In the middle of the unit. The adjacent paved walking path is included. There is also a large white oak and a couple of flowering dogwood near the path. Evidence of a campfire and fire scars on trees. Some auto parts dumping. Other spp: bittersweet, corktree, Rubus, black cherry (<10'), mapleleaf viburnum, path rush and more. The unit may become a vineland.

**Unit:** 310  
**Acreage:** 2.12  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Horses	Erosion
Deciduous	Red oak	>30' & 5-30'			Foot traffic	Fire
Phanerophytes	White oak	>30'				Compaction
Undulating	Flowering dogwood	<5' & 5-30'				
Dry	Viburnum, mapleleaf	<5'				
	Black cherry	All				

**Comments:**

This unit is an oak forest of large trees with an understory of black cherry, flowering dogwood and hickory spp. The groundlayer has mapleleaf viburnum and many forbs. MC: Erosion of sand from the bridle trail is being deposited in the unit, evidence of fires. Other spp: Eastern cottonwood, black birch, tulip tree, Sassafras (<5'), wineberry, wild grape, bittersweet, Japanese knotweed, red maple, wild lily-of-the valley, deer-tongue grass, goldenrod, true and false Solomon's seal, pokeweed, white wood aster and more.

**Unit:** 311  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	<5' & 5-30'			Foot traffic	Fire
Deciduous	Black oak	>30'				Vandalism
Chamaephytes	Black birch	>30' & 5-30'				Trash
Slope	Flowering dogwood	<5' & 5-30'				
Dry/Moist						

**Comments:**

This is a young black cherry forest with some larger black oaks. The understory is a mix of younger trees of the above spp. and flowering dogwood. Mapleleaf viburnum dominates the vegetation under 15'. Evidence of previous fires and vandalized street lamps. Other spp: tulip tree, hickory spp., poison ivy, white wood aster, bittersweet, wild grape, false Solomon's seal and more.

**Unit:** 312  
**Acreage:** 0.30  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	>30' & 5-30'			Foot traffic	Erosion
Deciduous	Black cherry	>30' & 5-30'			Horses	Compaction
Hemicryptophytes						Fire

**Comments:**

This unit includes 3 nonconnecting sections of black birch forest all bisected by walking and bridle trails in need of maintenance due to extensive widening and erosion. Black Cherry is also present. Evidence of previous fires and some trash. Mostly herbaceous or barren groundlayer. Other spp: white wood aster, poison ivy, moss along paths, mapleleaf viburnum, rose, Japanese honeysuckle, smartweed, common milkweed, Asiatic dayflower and more.

**Unit:** 313  
**Acreage:** 0.11  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Knotweed, Japanese	<5' & 5-30'	Yes		Foot traffic Horses	Erosion
Geophytes						
Level						
Moist						

**Comments:**

This unit is a thick patch of Japanese knotweed separated by an eroded walking path in need of maintenance. There is one white ash and a black cherry in the middle of the unit along with mugwort, great ragweed and path rush. The unit is bounded on three sides by walking and bridle paths. MC: Erosion.

**Unit:** 314  
**Acreage:** 0.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory spp.	5'-30'			Campfire/ party	Fire
Deciduous	Flowering dogwood	5'-30'			Foot traffic	Trash
Phanerophytes	Black oak	5'-30'			Horses	Vandalism
Slope						
Dry/Moist						

**Comments:**

Burned forest of hickory spp. approximately 25'. Mixed in is flowering dogwood, black oak, Sassafras, black birch, and corktree. Understory very open with groundcover of regenerating trees and herbaceous plants. MC: campfires with lots of trash around them, narrow compacted paths--this area has burned. Other spp: black cherry, red maple, spikenard, bittersweet, false Solomon's seal, spotted wintergreen, American hazelnut, wild geranium and many more.

**Unit:** 315  
**Acreage:** 0.34  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Hickory spp.	<5'			Foot traffic	Fire
Deciduous	Flowering dogwood	<5'			Horses	
Phanerophytes	Viburnum, mapleleaf	<5'			Campfire/ party	
Slope						
Dry/Moist						

**Comments:**

Sloping, burned, scrubland of regenerating (root suckers) trees. Other than above, trees include: black cherry, black, red, and white oaks, corktree, Sassafras, and American chestnut. Also, American hazelnut and smooth and shining sumac. MC: campfire area and horse traffic. Other plants: tick trefoil, trailing bush clover, wild grape, deer-tongue grass, panic grass, wild lily-of-the-valley, and Rubus.

**Unit:** 316  
**Acreage:** 0.77  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Bittersweet	All	Yes	Paved path	Foot traffic	Dumping
Deciduous	Rose	<5' & 5-30'	Yes			Fire
Lianas	Black cherry	All				
Level	Pine, Austrian	>30'	Yes			
Dry/Moist	Mugwort	<5'	Yes			
	Sassafras	>30' & 5-30'				

**Comments:**

This unit is an old-growth vineland of predominately bittersweet. The middle of the unit is scrubby with bittersweet covering rose, winged sumac and smooth sumac. The perimeter has black cherry, Austrian pine, Sassafras, mulberry and black birch covered with bittersweet, catbrier, and wild grape. A paved path, partially covered by vines transects the unit. Evidence of previous auto dumping. Other spp: Jewelweed, Virginia knotweed, wineberry, common milkweed, poison ivy, mapleleaf viburnum, Japanese honeysuckle, etc.

**Unit:** 317  
**Acreage:** 0.63  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes	Landfill	Dirt bike	Compaction
	Queen Anne's lace	<5'	Yes			Dumping
Hemicryptophytes Level Dry/Moist	Goldenrod	<5'				

**Comments:**

This is a mugwort meadow with scattered Queen Anne's lace and goldenrod. Western end (along eastbound Interborough Parkway) has a couple black cherry, pin oak and red oak overhanging the mugwort. This area was probably landfilled but has potential as wildflower meadow. MC: compacted soil, dumping, dirtbike and car tire tracks. Other spp: great and common ragweed, timothy, English plantain, orchard grass, redtop grass, moth mullein, Joe-Pye weed, wild lettuce, bittersweet, wild grape, common primrose, etc.

**Unit:** 318  
**Acreage:** 0.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Crabgrass	<5'	Yes	Landfill	Foot traffic Horses Dirt bikes	Compaction
Hemicryptophytes Level Dry						

**Comments:**

A desert-like opening adjacent to a mugwort meadow along the eastbound Interborough Parkway. Crabgrass dominates the groundcover with a good percentage barren. MC: Unit appears to have been landfilled and is highly compacted; dirt bike activity. Unit potential as a wildflower meadow. Other spp: Poor-man's-pepper, goldenrod, grass spp., mugwort, common ragweed, English plantain, redtop grass, path rush, chickweed, and more.

**Unit:** 319  
**Acreage:** 0.94  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Horses	Dumping
Deciduous	Corktree	All	Yes		Foot traffic	Fire
Hemicryptophytes	Red oak	>30' & 5-30'				
Undulating	Flowering dogwood	<5' & 5-30'				
Dry/Moist						

**Comments:**

This unit is a forest of large white and red oaks with an understory mixed with corktree and flowering dogwood. There are a few other trees: hickory spp., black oak, black birch, black cherry and sweet cherry. The understory has some corktree regeneration but is mostly herbaceous with false Solomon's seal, enchanter's nightshade, Virginia creeper and jewelweed. The species composition may become dominated by corktree. Other spp: Elderberry, devil's walking stick and more.

**Unit:** 320  
**Acreage:** 1.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	All			Foot traffic	Erosion
Deciduous	White oak	>30'			Horses	Dumping
Chamaephytes	Hickory spp.	>30' & 5-30'				Fire
Slope						
Moist						

**Comments:**

This is a black birch forest mixed with white oak, hickory spp., and red oak. Flowering dogwood and mapleleaf viburnum are scattered throughout the understory with regenerating corktree and other herbaceous plants. MC: Erosion near the trail, auto parts dumped, campfire. Other species: false Solomon's seal, Aster, Japanese honeysuckle, enchanter's nightshade, campion, Virginia creeper, and more.

**Unit:** 321  
**Acreage:** 1.59  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	Trash
Deciduous	White oak	>30'				Fire
Chamaephytes	Flowering,dog	5-30'&<5'				
Undulating						
Dry/Moist						

**Comments:**

This is an oak forest with an understory of mostly flowering dogwood mixed with black cherry, black birch and corktree. Mapleleaf viburnum dominates the vegetation less than 15' . The unit is bordered on two sides by bridle paths. Other species: white wood aster, gray birch, Asiatic dayflower, Indian pipe, tulip tree, sweetgum, poison ivy, bittersweet, Norway maple (<5' ), enchanter's nightshade and more.

**Unit:** 322  
**Acreage:** 0.39  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>30' & 5-30'		Landfill	Foot traffic	Erosion
Deciduous					Campfire	Dumping
Hemicryptophytes						Soil Pits
Undulating						
Moist						

**Comments:**

This red maple forest is in "The Gully". The land is very disturbed. There are a couple red and white oaks mixed in the canopy. No understory. The ground is mostly barren with some jewelweed, enchanter's nightshade, Virginia knotweed, great ragweed, goldenrod, elderberry, and more. MC: Serious erosion on the slope and dumping.

**Unit:** 323  
**Acreage:** 1.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Corktree	All	Yes			Soil Pits
Deciduous	Black cherry	>30'				Fire
Lianas						
Depression						
Moist						

**Comments:**

This unit includes nonconnecting sections. It is a forest of corktree and black cherry located at the eastern-most end of "The Gully". There is little tree regeneration. The soil is moist with Japanese honeysuckle covering the ground mixed with jewelweed, Virginia knotweed, Virginia creeper and elderberry. Other species: hay-scented fern, Ailanthus, false Solomon's seal, arrowwood and more.

**Unit:** 324  
**Acreage:** 1.90  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	All				Vandalism
Deciduous	White oak	>30'				Soil Pits
Phanerophytes	Black cherry	All				Dumping
Undulating	Flowering dogwood	<5' & 5-30'				
Dry/Moist	Corktree	>5'	Yes			

**Comments:**

This vineland unit is a large woodland-like structure with vines covering most of the canopy. Black cherry, hickory spp. and young flowering dogwood dominate the understory. MC: Large soil pit in the center of the unit; extensive dumping; fire scars on trees; numerous paths. Other species: mapleleaf viburnum, Rubus, marijuana and many more.

**Unit:** 325  
**Acreage:** 0.46  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Landfill		Fire
Deciduous	Red oak	>30' & 5-30'				Dumping
Hemicryptophytes	Black cherry	All				Vandalism
Slope						
Moist						

**Comments:**

This oak forest was recently burned and is a management concern. The site appears to have been landfilled and is now partly devoid of ground vegetation due to fire. Previous auto dumping and vandalized street lights are evident. The understory has some flowering dogwood and young Sassafras but is dominated by white wood aster, goldenrod, Asiatic dayflower, and pokeweed. Other species: deadly nightshade, enchanter's nightshade, Rubus, bittersweet, corktree (<5' ) and more.

**Unit:** 326  
**Acreage:** 0.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'				Fire
Deciduous	Norway maple	All	Yes			
Phanerophytes	Black birch	<5' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Small forested unit of large black oak with lower canopy of Norway maple, black birch, and other trees. Plenty of mapleleaf viburnum in most of unit, less understory and groundcover beneath Norway maples. Other species: corktree, wild grape, flowering dogwood, sweetgum, enchanter's nightshade, false Solomon's seal, Virginia creeper.

**Unit:** 327  
**Acreage:** 0.24  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Ailanthus	All	Yes			Trash
Deciduous	Rose	<5'	Yes			Fire
Chamaephytes						
Depression						
Moist						

**Comments:**

This unit is a forest of Ailanthus in a slight depression adjacent to the bridle trail. Some Ailanthus is covered with wild grape and some partly burned. Rose dominates the understory along with Virginia knotweed, enchanter's nightshade and Viburnum sp. Other species: spikenard, Rubus, false Solomon's seal, Jack-in-the-pulpit, Joe-pye weed, avens sp., hickory sp., mulberry and more.

**Unit:** 328  
**Acreage:** 3.32  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>30'			Foot traffic	Fire
Deciduous	Black oak	>30'			Horses	Dumping
Hemicryptophytes	Red oak	>30'				
Undulating						
Dry/Moist						

**Comments:**

This unit has two nonconnecting section. The unit borders the LIRR. In addition to the above species list there is hickory spp., and flowering dogwood. The understory is a groundlayer dominated by Asiatic dayflower, Joe-Pye weed, Aster and goldenrod. There is also a fair amount of corktree. Fire is evident and some dumping of auto parts. Other species: whorled loosestrife, wisteria, Rubus, American chestnut and more.

**Unit:** 329  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Hickory spp.	All			Foot traffic	Fire
Deciduous	Wild grape	All			Horses	Trash
Lianas						
Undulating						
Dry/Moist						

**Comments:**

This unit is a small woodland of medium-sized hickory spp. Mixed with sweetgum, white oak and black birch. Fire is evident. Wild grape is strangling some trees and is present on the ground. A walking path divides the unit. Other species: Aster, bittersweet, Asiatic dayflower, flowering dogwood, panicum sp., Virginia knotweed, mapleleaf viburnum and more.

**Unit:** 330  
**Acreage:** 0.46  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30' & 5-30'			Campfire/ party	Fire
Deciduous	Hickory spp.	All				Vandalism
Phanerophytes						Dumping
Depression						
Dry/Moist						

**Comments:**

A recently burned white oak and hickory spp. Forest which includes a slope and depression adjacent to the bridle path. There are many dead young hickory and oak trees and the ground is mostly barren. MC: auto parts, dumping, campfires, and tree hacking. There is some regeneration of hickory spp. There appears to have been considerable vines before the fire in the canopy. Other species: Sassafras, sweetgum, tulip tree, corktree and Ailanthus.

**Unit:** 331  
**Acreage:** 1.66  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All		Landfill	Foot traffic	Fire
Deciduous	Black oak	>30' & 5-30'				Erosion
Hemicryptophytes	Flowering dogwood	<5' & 5-30'				Compaction
Undulating	Sassafras	All				
Dry/Moist	Black birch	>30' & 5-30'				

**Comments:**

This unit includes two nonconnecting sections of oak forest with a herbaceous layer of white wood aster, false Solomon's seal and mapleleaf viburnum. Flowering dogwood, Sassafras, black birch and black cherry are also present. The unit is separated by a bridle path, parallel to the Interborough Parkway. MC: there is a paved and unpaved foot path with erosion and compaction problems. Unit was recently burned. Other species: hickory sp., sweet pepperbush, goldenrod, path rush and more.

**Unit:** 332  
**Acreage:** 0.46  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'		Landfill	Foot traffic	
Deciduous	Blackhaw	<5' & 5-30'		Full-crown		
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

This red oak forest borders the eastbound Interborough Parkway. The red oak are full-crowned and probably planted along with the thick shrubbery of blackhaw in the understory. Other species are arrowwood, sweet pepperbush, and flowering dogwood. Some trash and fire scars on trees. Little erosion on the slopes. Other species: Norway maple.

**Unit:** 333  
**Acreage:** 0.44  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'			Foot traffic	Fire
Deciduous	White oak	>30'			Campfire/ party	Trash
Phanerophytes	Black birch	>30'				
Undulating						
Dry/Moist						

**Comments:**

This unit was recently burned. It's an oak forest with some large black birch and flowering dogwood. Much of the groundlayer is last fall's leaf litter and charcoal soil. Regeneration of hickory sp. and young oaks has begun. There are a couple of small walking paths in the unit and evidence of campfires. Other species: wild grape, Virginia creeper, mapleleaf viburnum, Aster, goldenrod, path rush, many mushroom spp., and more.

**Unit:** 334  
**Acreage:** 0.30  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	>30' & 5-30'		Landfill	Foot traffic	Vandalism
Deciduous	Red oak	All				Erosion
Hemicryptophytes						Fire
Undulating						
Dry/Moist						

**Comments:**

This narrow strip of black birch forest borders the LIRR. The unit was probably landfilled during railroad construction. The understory is a groundlayer of mostly Aster dayflower and mapleleaf viburnum. Much of the ground has burned soil. The trail bordering the unit has a slight erosion problem and parts of the railroad fence have been vandalized. Other species: Virginia creeper, false Solomon's seal, goldenrod and more.

**Unit:** 335  
**Acreage:** 1.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Landfill	Foot traffic	Dumping
Deciduous	Corktree	All	Yes		Horses	Soil Pits
Hemicryptophytes	Black oak	>30'				Trash
Undulating	White oak	>30'				
Moist	Jewelweed	<5'				
	Wild grape	>30' & 5-30'				

**Comments:**

This is a large black cherry forest on very moist soil. The unit appears to have been either excavated or landfilled. Corktree and a few large oaks are present. Jewelweed dominates the groundlayer along with enchanter's nightshade and Virginia knotweed. Wild grape covers the canopy of some trees. The unit may become seasonally wet. Large pits have been dug. Other species: crab apple, garlic mustard, spicebush, hawthorn, elderberry, Japanese honeysuckle and more.

**Unit:** 336  
**Acreage:** 1.86  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	All		Landfill	Foot traffic	Dumping
Deciduous	Bittersweet	All	Yes		Horses	Soil Pits
Lianas	Hickory spp.	>30' & 5-30'				
Undulating	Black cherry	All				
Moist	Ailanthus	All	Yes			
	White oak	>30'				

**Comments:**

This unit is a vineland of wild grape and bittersweet with trees and shrubs. Vines cover most trees including groundlayer where trees are absent. The soils appear to have been excavated or landfilled. There are other trees such as black oak, crab apple, red oak and red maple. Shrubs consist of spicebush, mapleleaf viburnum, and rose. Some soil pits and dumping. Other spp: wild geranium, enchanter's nightshades, Joe-Pye weed, Virginia Knotweed, goldenrod, Jack-in-the-pulpit, Rubus, elderberry, wild lettuce, great ragweed and more.

**Unit:** 337  
**Acreage:** 0.29  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Foot traffic	
Deciduous	Hickory spp.	<5' & 5-30'				
Chamaephytes	Flowering dogwood	>30' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

This unit is a white oak and hickory spp. forest adjacent to the bridle path. The white oaks are tall and the hickory and flowering dogwood are much smaller. The soil has a bit of decaying wood and is covered with mapleleaf viburnum and some herbaceous plants such as enchanter's nightshade and false Solomon's seal. Other species: red maple, American chestnut, corktree, black cherry, Aster, Virginia creeper, wild grape and more.

**Unit:** 338  
**Acreage:** 0.24  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'				Fire
Deciduous	White oak	>30'				
Hemicryptophytes	Tulip tree	5'-30'				
Slope	Flowering dogwood	5-30' & <5'				
Dry/Moist	Wild grape	5'-30' & <5'				

**Comments:**

This unit is a small oak forest with an understory canopy of tulip tree and flowering dogwood. Wild grape covers some of the canopy and appears to be choking out some of the understory. Fire is evident. The ground is dominated by false Solomon's seal, enchanter's nightshade, and Virginia knotweed. Other species: mapleleaf viburnum, pokeweed, Aster, hickory spp., Rubus and more.

**Unit:** 339  
**Acreage:** 1.82  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Horses	Soil compaction
Deciduous	Corktree	All	Yes		Foot traffic	Dumping
Phanerophytes	Black oak	>30'				Fire
Undulating	Wild grape	All				
Moist	Flowering dogwood	5'-30'&<5'				

**Comments:**

This unit is a large white oak forest with an understory mixture of corktree, wild grape and flowering dogwood. The unit crosses a bridle path. The species composition may shift to all corktree. The vines are climbing up some oaks. Large soil pits and fire is evident. Other species: Asiatic dayflower, mapleleaf viburnum, goldenrod, dogbane, Virginia creeper, enchanter's nightshade, false Solomon's seal, and more.

**Unit:** 340  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Horses	Dumping
Deciduous	White oak	>30'			Foot traffic	Fire
Hemicryptophytes	Corktree	5-30'&<5'	Yes			
Undulating						
Moist						

**Comments:**

This unit is a small woodland of black and white oak bounded on two sides by bridle trails. Corktree is regenerating but the groundlayer is mostly herbaceous with jewelweed, Asiatic dayflower, Aster, goldenrod, enchanter's nightshade, Virginia knotweed and deer-tongue grass. Other species: elderberry, Rubus, wineberry, Virginia creeper, false Solomon's seal, wild lettuce, Sassafras (<5' ), and more.

**Unit:** 341  
**Acreage:** 2.72  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	<5' & 5-30'		Landfill	Foot traffic	Vandalism
Deciduous	Red oak	>30' & 5-30'			Horses	Soil compaction
Hemicryptophytes	Black oak	>30'				Auto
Undulating	Hickory spp.	All				
Dry/Moist	Flowering dogwood	5-30' & <5'				
	Black birch	All				

**Comments:**

Large oak forest bordering LIRR and crossing bridle path. Sassafras, black cherry and tulip trees are also in the understory canopy in lesser amounts. The groundlayer is mostly herbaceous with white wood aster but has a good mix of regenerating Sassafras, corktree and hickory spp. The bridle trail could use maintenance and railroad fence needs attention. Fire evident. There is an abandoned auto. Other spp: Wisteria, Asiatic dayflower, Rubus, Virginia knotweed, goldenrod, poison ivy, Indian pipe and more.

**Unit:** 342  
**Acreage:** 0.26  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & > 5			Foot traffic	Fire
Deciduous	Black oak	>30' & <5			Horses	Vandalism
Chamaephytes					Picnic	
Knoll						
Dry/Moist						

**Comments:**

Oak woodland near bridle path. Unit contains several narrow foot paths covered with path rush, other herbaceous plants mixed in and some wild grape invading unit on edges. Other spp. white wood aster, large-leaved aster, stargrass, Rubus, blue-stemmed goldenrod, Indian pipe, Joe-Pye weed, whorled loosestrife goldenrod, Pennsylvania sedge, deer-tongue grass, and cinquefoil.

**Unit:** 343  
**Acreage:** 0.41  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'&<5'			Foot traffic	Trash
Deciduous	White oak	>30'			Horses	Fire
Lianas	Black oak	>30'				
Slope	Wild grape	5-30'&<5'				
Dry/Moist	Flowering dogwood	5'-30'				

**Comments:**

This is an oak forest with thicket-like patches of flowering dogwood and black cherry covered with wild grape. Where the understory is open, the wild grape covers the ground mixed with some herbaceous vegetation. Some walking paths in the unit. Fire evident. Other species: 1 white pine sapling, smooth sumac, black cherry, deer-tongue grass, red maple, Virginia creeper, Rubus, tulip tree, wild lettuce, corktree, panicked tick trefoil, and more.

**Unit:** 344  
**Acreage:** 0.19  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Campfire/ party	Compaction
Deciduous	Black oak	>30'			Foot traffic	Dumping
Geophytes	Red oak	>30'			Horses	Fire
Level	Path rush	<5'				
Dry/Moist						

**Comments:**

This unit is a small plateau of a few tall oaks with path rush blanketing the ground. The unit also has remnants of a few campfires. The whole unit is very compacted and is used by pedestrians and horses although it is not part of the bridle trail. Few other species: Grass spp., mint sp., white wood aster and white vervain.

**Unit:** 345  
**Acreage:** 0.40  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Foot traffic	Dumping
Deciduous	Black birch	All			Horses	Fire
Phanerophytes	Red oak	All				
Undulating						
Dry/Moist						

**Comments:**

This is a white oak forest with a thicket-like understory of mostly black birch. There is a large red oak and some smaller ones in the unit. There are signs of previous auto dumping and fire. Other species: black cherry, hickory spp., mapleleaf viburnum, flowering dogwood, and Aster.

**Unit:** 346  
**Acreage:** 0.82  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	>30' & 5-30'			Foot traffic	Trash
Deciduous	Wild grape	>30' & 5-30'				
Hemicryptophytes	Corktree	All	Yes			
Level	Sassafras	All				
Moist	Hickory spp.	<5' & 5-30'				
	Flowring dogwood	<5' & 5-30'				

**Comments:**

This unit is a black cherry forest with some of the canopy covered by wild grape. There are lesser amounts of the other species including black birch, white oak and tulip tree. The understory is a groundlayer of forbs and some corktree regeneration. There are walking paths through the unit. The unit borders the LIRR. Other species: enchanter's nightshade, false Solomon's seal, Virginia creeper, Virginia knotweed, avens sp., white wood aster, hay-scented fern, jewelweed and more.

**Unit:** 347  
**Acreage:** 1.34  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30' & 5-30'			Foot traffic	Soil compaction
Deciduous	Red oak	>30' & 5-30'			Campfire/ party	Dumping
Phanerophytes Level Dry/Moist	Flowering dogwood	5-30'				Fire

**Comments:**

This oak forest has tall black, red and some white oaks with an understory thicket layer of flowering dogwood, corktree, Sassafras, hickory sp., black cherry and red maple. There is a large soil pit and dumping in the center of the unit. Fire is evident. Other species: American chestnut, mapleleaf viburnum, sensitive fern, Virginia creeper, false Solomon's seal, Indian pipe, spotted wintergreen, and more.

**Unit:** 348  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'				Fire
Deciduous	Black oak	>30'				
Chamaephytes Slope Dry/Moist	Sassafras	>30' & <5'				

**Comments:**

An oak forest mixed with Sassafras and hickory spp. The understory is very open but dominated with mapleleaf viburnum. The unit appears to have been burned. Other species: highbush blueberry, corktree (<5'), false Solomon's seal, Aster, goldenrod, true Solomon's seal, Joe-Pye weed, Asiatic dayflower, whorled loosestrife, and more.

**Unit:** 349  
**Acreage:** 0.70  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Horses	
Deciduous	White oak	>30'			Foot traffic	
Phanerophytes						
Level						
Dry/Moist						

**Comments:**

Oak forest with open understory of flowering dogwood, hickory spp., black cherry and mapleleaf viburnum, wild grape, white wood aster and other herbs cover the ground. Two bridle paths run through unit. Other spp.: black oak, tulip tree, Asiatic dayflower, false Solomon's seal, arrowwood and Virginia creeper.

**Unit:** 350  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Black birch	<5' & 5-30'		Landfill	Railroad	Compaction
Deciduous	Viburnum, mapleleaf	<5'				Dumping
Phanerophytes	Fern, hay-scented	<5'				
Slope						
Dry						

**Comments:**

Edge unit along the LIRR. A thicket of black birch with some mapleleaf viburnum and hay-scented fern in patches. Unit is between the tracks and the fence, and is railroad property. Other spp: moss, Sassafras (<5), whorled loosteirfe and more. Unit has remnants of a retaining wall.

**Unit:** 351  
**Acreage:** 0.64  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'		Landfill	Foot traffic	Dumping
Deciduous	Black oak	>30'				Fire
Phanerophytes	Hickory spp.	<5' & 5-30'				
Slope						
Moist						

**Comments:**

This unit is an open woodland with snags and recently burned vegetation. The unit borders the bridle path where the groundlayer is mostly herbaceous with Aster, mapleleaf viburnum, hickory spp., oak spp., flowering dogwood and others. Other spp: smooth sumac, corktree, Ailanthus, Paulownia, black birch, Rubus, goldenrod, bittersweet, smartweed, pokeweed, Asiatic dayflower, wood sorrel, enchanter's nightshade, Japanese honeysuckle, and more.

**Unit:** 352  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Flowering dogwood	<5' & 5-30'				
Deciduous						
Phanerophytes						
Slope						
Dry						

**Comments:**

A very small thicket-like forest of flowering dogwood (<20') and one large hickory spp. The unit borders the main bridle path. Understory is mostly barren with some young dogwoods mixed with white wood aster and false Solomon's seal.

**Unit:** 353  
**Acreage:** 0.50  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Exotics
Deciduous	Red oak	>30' & 5-30'				Trash
Phanerophytes	Corktree	<5' & 5-30'	Yes			Dumping
Undulating	Hickory spp.	All				
Dry/Moist						

**Comments:**

An open woodland of large black and red oaks near the main bridle path. Corktree and some hickory spp. Dominate the understory along with young oaks regenerating. Much of the soil is very loose with signs of previous auto dumping and fire. MC: To contain the spreading corktree. Other spp: goldenrod, white wood aster, black cherry(<5'), black birch (<10'), Joe-Pye weed, deer-tongue grass, wild grape, whorled loosestrife, spotted wintergreen, Rubus, Virginia creeper, and more.

**Unit:** 354  
**Acreage:** 0.54  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Sassafras	All				Fire
Deciduous	Black oak	>30'&<5'				Trash
Phanerophytes	Hickory spp.	<5' & 5-30'				
Depression						
Dry/Moist						

**Comments:**

A very open Sassafras/black oak woodland. The site was recently burned (maybe last fall). Most of the younger trees of Sassafras, oak spp. and hickory spp. (<15') were killed and are currently resprouting at the base. Most of the ground covered with leaf litter and some goldenrod, and a patch of hay-scented fern. The oaks, including some white oak, mostly border the unit especially along the bridle path. Unit may change to a forest.

**Unit:** 355  
**Acreage:** 0.64  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Landfill	Horses	Compaction
Deciduous	Mapleleaf viburnum	5-30'&<5'		Tree Id Tag	Foot traffic	Trash
Chamaephytes	Black birch	5-30'&<5'				
Undulating						
Dry/Moist						

**Comments:**

Nonconnecting sections of forest of large red oak with mapleleaf viburnum dominating vegetation under 15'. Also mixed with considerable regeneration of black birch and black cherry. Unit includes bridle and walking trails. Other species: black oak, white oak, hickory spp., Rubus, whorled loosestrife, wild lily-of-the-valley, cinquefoil sp., deer-toungegrass, path rush, hay-scented fern, wood rush, and more.

**Unit:** 356  
**Acreage:** 0.06  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Hay-scented fern	<5'		Landfill	Railroad	
Geophytes						
Slope						
Dry						

**Comments:**

Edge unit of hay-scented fern along the LIRR between the tracks and the RR fence. The unit is Railroad property. There is some mapleleaf viburnum and black birch interspersed and one willow sp.

**Unit:** 357  
**Acreage:** 0.69  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	> 30'&5-30'			Horses	Compaction
Deciduous	Black oak	>30'			Foot traffic	Fire
Hemicryptophytes						
Undulating						
Dry/Moist						

**Comments:**

An oak woodland with white wood aster, goldenrod, and false Solomon's seal dominating the understory. Some oak regeneration mixed with mapleleaf viburnum and a little corktree. Other species: white oak, helleborine, Rubus, bittersweet, Polygonum (white flowered ), and more.

**Unit:** 358  
**Acreage:** 0.29  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Corktree	5-30'&<5'	Yes			Erosion
Deciduous						Dumping
Phanerophytes						Fire
Depression						
Dry/Moist						

**Comments:**

A woodland of corktree in a depression. Site appears to have been filled with abandoned autos and set on fire. Corktree is young, even-aged and the only tree sp. (except 1 older black walnut). Corktree ranges in size from seedlings to 20', dominating understory. MC: Control exotic expansion from surrounding oak forests. Also some dumping of auto parts. Other spp: false Solomon's seal, bittersweet, fern sp., goldenrod, false nettle and more.

**Unit:** 359  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & < 5			Foot traffic	Compaction
Deciduous	White oak	>30' & < 5			Horses	
Phanerophytes	Black birch	5-30' & < 5			Campfire/ party	
Undulating	Black cherry	5-30' & < 5'				
Dry/Moist						

**Comments:**

A forest of tall oaks close to the bridle trails. The understory consists of patches of small black birch and black cherry (<15') mixed with mapleleaf viburnum and patches of path rush where the trail intersects. Soil are compacted only on trails. Evidence of campfires. Beech saplings, false Solomon's seal, moss, spotted wintergreen, deer-tongue grass, whorled loosestrife and more.

**Unit:** 360  
**Acreage:** 0.41  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & < 5'			Foot traffic	Fire
Deciduous					Horses	
Phanerophytes					Campfire/ party	
Undulating						
Dry/Moist						

**Comments:**

A closed forest of large red oaks with an understory of Sassafras, young oak sp., hickory spp., and flowering dogwood. Corktree is beginning to invade the unit. There are also white oak, red maple, black tupelo, and black birch in the canopy. Some parts of the trail systems are eroded and have path rush lining it. Fire is evident. Other species: poke milkweed, deer-tongue grass, Aster, false Solomon's seal, Joe-Pye weed, goldenrod, willow sp., Indian pipe, spotted wintergreen and more.

**Unit:** 361  
**Acreage:** 0.16  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Black birch	>30'&<5'		Landfill	Foot traffic Horses	Erosion Compaction Dumping

**Comments:**

A small strip of black birch forest along the LIRR fence. Most of the understory is just leaf litter with wood aster and false Solomon's seal around the borders. Unit includes a bridle / walking path. MC: Serious erosion around root system of black birch on slope, auto parts dumping, fire scars on trees, and fence damage. Other species: mapleleaf viburnum, corktree, Joe-Pye weed, flowering dogwood, black cherry ( <5' ), Rubus, path rush, and more.

**Unit:** 362  
**Acreage:** 0.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub Deciduous Phanerophytes Slope Dry	Ailanthus Corktree	5-30'&<5' 5-30'&<5'	Yes Yes	Landfill	Railroad	Compaction Dumping

**Comments:**

A thicket of mostly Ailanthus and some corktree under 15' . Unit is between the LIRR tracks and the fence. Unit is highly compacted; some dumping of RR ties, and probably sprayed with herbicides. There's a path of hey-scented fern, bittersweet, white snakeroot, Rubus, pokeweed, helleborine, false Solomon's seal, and more.

**Unit:** 363  
**Acreage:** 0.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland  Lianas Slope Dry/Moist	Wild grape	5-30' & <5'		Landfill	Horses Foot traffic	Compaction Trash

**Comments:**

Small, open, vineland along the LIRR fence and bridle/walking trail. Wild grape is mostly under 3' high, covering mostly forbs. Other species: Hickory spp., (<5' ), whorled loosestrife, false Solomon's seal, white wood aster, flowering dogwood, goldenrod, poison ivy and more.

**Unit:** 364  
**Acreage:** 0.44  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Red oak Black birch	>30' 5-30' & <5'		Landfill	Foot traffic Horses	Compaction Erosion Trash

**Comments:**

A forest of large red oak with an understory of regenerating black birch and black cherry. Bridle/ walking paths cross the unit, adjacent to the LIRR. There is some mapleleaf viburnum, some invading corktree, and some oak regeneration. Other species: Flowering dogwood, black tupelo ( <5' ), Sassafras (<5' ), false Solomon's seal, fern sp., white wood aster, wood rush, path rush and more.

**Unit:** 365  
**Acreage:** 0.10  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry	Black birch	All		Landfill		Erosion Compaction Vandalism

**Comments:**

A narrow strip of black birch forest on an eroded and compacted slope down to the LIRR. Mostly trees are even-aged mixed with Sassafras, red oak, and gray birch. Understory is mostly white wood aster and hay-scented fern. MC: Serious erosion problems on the path leading to the RR; fencing is torn down and compacting on the top of the slope. Other species: poison ivy, mapleleaf viburnum, false Solomon's seal, flowering dogwood, Rubus and more.

**Unit:** 366  
**Acreage:** 1.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Undulating Dry/Moist	Black oak Red oak Mapleleaf viburnum	>30'&5-30' >30'&<5' 5-30'&<5'		Fence		Pollution

**Comments:**

Large black oak forest with some large red oak, white oaks and pin oaks. Also black birch and hickory spp. Under layer of mapleleaf viburnum and sapling of Sassafras, oak spp., hickory spp., and black cherry. Many foot paths, little trash. Unit borders abandoned RR fence and the Interborough parkway. Other species: American chestnut, sweet pepperbush, azalea, American hazelnut, etc.

**Unit:** 367  
**Acreage:** 0.11  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland Deciduous Lianas Slope Dry/Moist	Wild grape	5-30' & <5'				Pollution Trash

**Comments:**

Vineland of wild grape on edge of Interborough Parkway. Herbs such as Joe-Pye weed, goldenrod, Jack-in-pulpit, and false Solomon's seal mixed in. A few 25 foot black oaks, some overtopped by vines. Small strip Ailanthus near edge of Parkway. Some Rubus, rose, and bittersweet. Other spp., Sweet cicely, black birch, tulip tree, Sassafras, and black cherry.

**Unit:** 368  
**Acreage:** 0.20  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland Deciduous Lianas Slope Dry/Moist	Wild grape Bittersweet Mapleleaf viburnum	<5' <5' <5'		Yes	Foot traffic Dogwalking	Compaction

**Comments:**

Small opening in forest surrounded by large oaks (not in unit) containing wild grape and bittersweet on top of mapleleaf viburnum. Unit includes part of compacted foopath leading from apartment complex. Other plants include hackberry, catbrier, graystem dogwood, goldenrod, and Sassafras (<5').

**Unit:** 369  
**Acreage:** 0.40  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Therophytes Depression Moist	Sweetgum	All			Foot traffic	

**Comments:**

Depressed area of all sizes of sweetgum. Understory pretty open,. Some black cherry, flowering dogwood, red maple and spicebush. Few large white, red and black oaks. Ground covered in white wood aster, jewelweed, enchanter's nightshade, knotweed and others. Some mapleleaf viburnum. Other species: American hazelnut, horsebalm, etc. Several foot--some compacted/eroded; others grassy.

**Unit:** 370  
**Acreage:** 0.36  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Lianas Undulating Dry/Moist	Black oak Wild grape	>30'&5-30' 5-30'&<5'			Foot traffic	Compaction Soil compaction Erosion

**Comments:**

Open woodland of large white oaks with wild grape covering ground and climbing into some trees. Unit slopes from dry hilltop to moister area of jewelweed. Many herbaceous species, shrubs, and saplings. Other species include bittersweet, sweetgum, hickory spp., white wood aster, blue-stemmed goldenrod, path rush, Joe-Pye weed, white snake root, etc.

**Unit:** 371  
**Acreage:** 0.37  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>30'			Foot traffic	Trash
Deciduous	Red oak	>30'				
Hemicryptophytes						
Slope						
Dry/Moist						

**Comments:**

Closed forest along the Interborough Parkway. Pin oak along highway with some large red oaks admixed. Other trees includes: Sweetgum, tulip tree, and flowering dogwood. Understory is a mixture of white wood aster, wild grape, and poison ivy. Part of unit is sloping down to underpass on the Interborough. Might suggest a guard rail. Other species: rose, false Solomon's seal, jewelweed, black cherry, black birch and more.

**Unit:** 372  
**Acreage:** 0.32  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Box Elder	5-30'&<5'		Landfill	Foot traffic	Dumping
Deciduous	Black cherry	5-30'		Full-crown		Trash
Phanerophytes	Mulberry	5-30'	Yes			
Undulating	Buckthorn	5-30'	Yes			
Dry/Moist						

**Comments:**

Closed forest about 20-25 feet high, with one large white oak and one red oak protruding well above the box elder, black cherry, etc. Some bittersweet climbing high on mulberry and box elder. Some patches of tall poison ivy (little on trees). Some dumping of plant material and concrete. Other species: blackhaw, Ailanthus, shining sumac, white wood aster, enchanter's nightshade, and Jack-in-the-pulpit.

**Unit:** 373  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>30'		Fence	Foot traffic	Dumping
Deciduous	Pin oak	>30' & 5-30'				Trash
Chamaephytes	Black cherry	>30' & 5-30'				
Undulating	Black oak	>30' & 5-30'				
Dry/Moist	Hickory spp.	>30' & 5-30'				
	Red Oak	>30'				

**Comments:**

Woodland with oaks, black cherry, and hickory predominating but in relatively equal numbers. Catbrier up to 15 feet tall cover much of the spicebush and bittersweet and understory. Old railroad fence and some trash near fenceline of apartment buildings present. Other species: mapleleaf viburnum, buckthorn, blackhaw, gooseberry, linden, Rubus, and wild grape.

**Unit:** 374  
**Acreage:** 0.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Compaction
Deciduous	Knotweed, Japanese	5-30'&<5'	Yes		Dirt bike	
Geophytes	Jewelweed	<5'				
Undulating						
Moist						

**Comments:**

Open black oak woodland with lower layer of Japanese knotweed, jewelweed and other herbaceous plants. Some box elder, Ailanthus, mulberry, black locust, and corktree. Other species: white oak, Joe-Pye weed, elderberry, sanicle, mugwort, Rubus, Virginia knotweed, and Jack-in-the-pulpit.

**Unit:** 375  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	All			Foot traffic	Compaction
Deciduous	Ailanthus	5-30' & <5'	Yes			
Phanerophytes	Sweetgum	>30' & <5'				
Level						
Moist						

**Comments:**

Very small disturbed closed forest of mixed trees, some wetsite, some weedy. Many regenerating trees. Ground covered with herbaceous species and rose. Other spp.: corktree, mulberry, flowering dogwood, black willow, black oak, spicebush, jewelweed, Jack-in-the-pulpit, bittersweet, arrowwood, white wood aster, white snakeroot, field garlic, and Virginia knotweed.

**Unit:** 376  
**Acreage:** 0.60  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	>30' & 5-30'			Foot traffic	Soil Pits
Deciduous	Wild grape	5-30' & <5'			Hang-out	Vandalism
Therophytes	Bittersweet	5-30' & <5'			Vehicle access	Compaction
Undulating						
Moist						

**Comments:**

Highly disturbed closed forest of black cherry overtopped by lianas (wild grape, bittersweet). Lots of rose beneath, but most of ground covered by jewelweed and enchanter's nightshade. MC: hang-out area including large soil pit with dumping and trash. An eroded/compacted foot path leading from the Interborough underpass is included in unit. Other spp: Jack-in-the-pulpit, tulip tree, black oak, poison ivy, Ailanthus, etc.

**Unit:** 377  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Exotic planting	Foot traffic	Pollution
Deciduous	Ailanthus	<5' & 5-30'	Yes			
Phanerophytes	Black oak	>30' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Black cherry forest on edge of the Interborough Parkway. Lots of Ailanthus <20', regenerating black cherry, and a lot of arrowwood. Dense herbaceous cover of whit wood aster, goldenrod, poison ivy, Virginia knotweed, false Solomon's seal, Jack-in-the-pulpit, etc. Planted edge of Spirea.

**Unit:** 378  
**Acreage:** 0.22  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'		Landfill	Foot traffic	Trash
Deciduous	Sassafras	>30' & 5-30'				
Phanerophytes	Black cherry	<5' & 5-30'				
Slope	Black locust	5'-30'	Yes			
Dry/Moist						

**Comments:**

Closed forest of white oak and Sassafras, some black cherry and black locust. Understory of spicebush, buckthorn, and black cherry. Some flowering dogwood. One large black oak. Other spp: white wood aster, enchanter's nightshade, Virginia creeper, Jack-in-the-pulpit, blue-stemmed goldenrod, bittersweet, hickory spp., red oak, Ailanthus, box elder, etc.

**Unit:** 379  
**Acreage:** 0.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>30'			Foot traffic	Compaction
Deciduous	White oak	>30'			Dirt bike	Trash
Chamaephytes						Vandalism
Slope						
Dry/Moist						

**Comments:**

Closed forest along a heavily compacted trail used by dirt bikes, bicycles, and people walking. Adjacent to a denuded area used by dirt bikes. Other trees mixed in are black oak, tulip trees, American elm, and black cherry. MC: Compaction, some trees damaged and cut. Understory is dominated by spicebush with some jewelweed, black cherry, Norway maple, Virginia creeper, poison ivy, Jack-in-the-pulpit, and more.

**Unit:** 380  
**Acreage:** 0.70  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Tulip tree	All			Foot traffic	Compaction
Deciduous	Black oak	>30'				Soil compaction
Lianas	Wild grape	All				
Undulating						
Moist						

**Comments:**

Bittersweet, Virginia creeper, black birch, red oak, jewelweed, Virginia knotweed, arrowwood, flowering dogwood, spicebush, Joe-Pye weed, Jack-in-the-pulpit, corktree, and white oak.

**Unit:** 381  
**Acreage:** 0.73  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'				
Deciduous	White oak	>30'				
Chamaephytes	Maple viburnum	5-30' & <5"				
Undulating	Black cherry	5-30' & <5"				
Dry/Moist	Wild grape	5-30' & <5"				

**Comments:**

Closed forest of very large oaks (some hickory spp. and tulip trees) with undergrowth of black cherry sapling, mapleleaf viburnum and wild grape. Other spp.: black birch, flowering dogwood, buckthorn, white wood aster, goldenrod, false and true Solomon's seal, poison ivy, Virginia creeper, Virginia knotweed, Joe-Pye weed, and wild yam root.

**Unit:** 382  
**Acreage:** 0.32  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	5-30'			Exotic planting	Pollution
Deciduous						
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

Steep slope with primarily pin oak and understory of flowering dogwood, black cherry and many exotic plants (spirea, Forsythia, unknown shrubs), white wood aster, poison ivy, true Solomon's seal, mapleleaf viburnum, sweet pepperbush, and arrowwood.

**Unit:** 383  
**Acreage:** 0.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black cherry	5-30'			Dirt bike	Dirt bike
Deciduous	Black oak	>30'			Foot traffic	Vandalism
Hemicryptophytes						Compaction
Undulating						
Dry/Moist						

**Comments:**

Compacted dirt bike track in middle of oak-cherry wood off Union Turnpike. Only few trees and patches are vegetation (white wood aster, Virginia knotweed, pokeweed, bittersweet). MC: Trees are vandalized, pits and mounds are dug, some dumping, soil hard, bare and compacted.

**Unit:** 384  
**Acreage:** 0.36  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Compaction
Deciduous	Tulip tree	Oak,black			BMX Bike	Vandalism
Phanerophytes	Ailanthus	5-30'&<5'			Dirt bike	Erosion
Undulating	Black cherry	All	Yes			
Dry/Moist						

**Comments:**

Closed forest of large oaks and tulip trees with black cherry and young Ailanthus understory. Lots of herbs, including Virginia knotweed, enchanter's nightshade, Jack-in-the-pulpit, jewelweed and pachysandra. Lots of Virginia creeper. Compacted footpath crosses through unit from BMX track. Other species: Sassafras, corktree, black birch, white wood aster, etc.

**Unit:** 385  
**Acreage:** 0.20  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	>30'&5-30'		Exotic planting	Foot traffic	Pollution
Deciduous	Pin oak	>30'&5-30'				
Hemicryptophytes	Black cherry	5-30'&<5'				
Slope						
Dry/Moist						

**Comments:**

Slope bounded by Union Turnpike, changes from mostly pin oak and black cherry to mostly black birch and black cherry. Understory mostly forbs such as mugwort, poison ivy, catbrier, white wood aster, false Solomon's seal. A few scattered exotics—Norway maple, yew, barberry and mulberry.

**Unit:** 386  
**Acreage:** 0.73  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'&5-30'		Full-crown	Foot traffic	Compaction
Deciduous	Red oak	5-30'				
Chamaephytes	White oak	>30'&5-30'				
Slope	Mapleleaf viburnum	5-30'&<5'				
Dry/Moist						

**Comments:**

Closed forest of mixed oaks: Red, black, white, and pin, with mapleleaf viburnum undergrowth. Some medium sized hickory spp., black cherry, flowering dogwood, and black birch. Several footpaths. Other plants include white wood aster, arrowwood, wild grape, catbrier and true and false Solomon's seal.

**Unit:** 387  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'				Compaction
Deciduous	White oak	>30'				
Phanerophytes Slope Dry/Moist	Black birch	5-30' & <5'				

**Comments:**

Small patch of large oaks with dense undergrowth (~20') of black birch. Some flowering dogwood and black cherry mixed in. Lots of mapleleaf viburnum. Other species: white wood aster, wild grape, false Solomon's seal, tulip trees, red oak, Sassafras, European mountain-ash, Pennsylvania sedge, catbrier, etc.

**Unit:** 388  
**Acreage:** 0.10  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Path rush	<5'			Foot traffic Party area Campfire/ party	Compaction Vandalism Auto
Hemipterophytes						
Knoll Dry/Moist						

**Comments:**

Path rush covered cleaning under large white and black oaks (not included in unit). Some white wood aster, Virginia knotweed, sedge, grass spp.(2), black cherry seedlings, starry campion, mugwort, and poison ivy. MC: Hang-out-party area, graffiti, tree vandalism, broken glass, Old abandoned autos (>3years), lot of soil compaction. Other species: white oak, cinquefoil, blue-stemmed goldenrod, black oak seedlings, etc.

**Unit:** 389  
**Acreage:** 0.53  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All		Landfill	Foot traffic	Trash
Deciduous	Red oak	>30'&5-30'				Dumping
Chamaephytes	Spicebush	5'-30'&<5'				
Undulating						
Dry/Moist						

**Comments:**

Forest strip at the corner of Union Turnpike and apartment complex. Bordered by unit 383 (dirt bike track). Mostly black cherry and red oak with spicebush understory. Ailanthus, mugwort, and tatarian honeysuckle near road. Other species: elderberry, mapleleaf vibnum, Eastern cotton wood, corktree, etc.

**Unit:** 390  
**Acreage:** 0.26  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			BMX bike	Dirt bike
Deciduous	Red oak	>30'			Dirt bike	Vandalism
Chamaephytes	Mapleleaf vibnum	<5'			Foot traffic	Compaction
Knoll						
Dry/Moist						

**Comments:**

Oak forest with black cherry and mapleleaf viburnum lower layer. Herbaceous plants include white wood aster and false Solomon's seal. MC: Dirt bike and BMX track invading this area, soil becoming compacted, trees vandalized. Other plants include: spicebush, pin oak, Virginia creeper, Virginia knotweed, bittersweet, and blue-stemmed goldenrod.

**Unit:** 391  
**Acreage:** 0.34  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	All			Foot traffic	Fire
Deciduous	Ailanthus	5-30'&<5	Yes			Dumping
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Closed forest of black cherry. Some Ailanthus, corktrees, red oak, flowering dogwood and other trees mixed in. Quite viney with wild grape, some bittersweet, Virginia creeper. Small patch of black birch <15' on slopes. Other species include: Norway maple, white wood aster, Jack-in-the-pulpit, barberry, enchanter's nightshade, arrowwood and spicebush.

**Unit:** 392  
**Acreage:** 0.33  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland	Wild grape	5-30'&<5'				Auto
Deciduous	Black oak	>30'				
Lianas	White oak	>30'				
Undulating						
Dry/Moist						

**Comments:**

Two patches of wild grape covering ground, some shrubs are beginning to climb into trees. Unit includes several large white and black oaks. Lots of mapleleaf viburnum, some catbrier, black cherry (<5'), and herbaceous plants. One old abandoned auto. Other plants include wild yam root, tulip tree, carrion flower, Joe-Pye weed, mugwort, Virginia knotweed, goldenrod, Virginia creeper, false Solomon's seal, Ailanthus, and several large fallen trees.

**Unit:** 393  
**Acreage:** 0.39  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	5-30' & <5'		Structure	Foot traffic	Compaction
Deciduous	Sassafras	5-30' & <5'			Dirt bike	Fire
Chamaephytes	Tulip tree	5-30' & <5'				Dirt bike
Undulating	Hickory spp.	5-3' - & <5'				
Dry/Moist	Viburnum, mapleleaf	<5'				
	Wild grape	<5'				

**Comments:**

Mixed forest of above species, most <25'. Lots of mapleleaf viburnum. Few larger hickory spp., and tulip trees. Some spots very viney with wild grape. Other species include black cherry, corktree, white wood aster, blue-stemmed goldenrod, Pennsylvania sedge, red maple, American hazelnut, American chestnut.

**Unit:** 394  
**Acreage:** 0.69  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory spp.	>30' & 5-30'		Exotic planting	Foot traffic	Compaction
Deciduous	White oak	>30'				
Chamaephytes	Pin oak	>30' & 5-30'				
Undulating	Black oak	>30'				
Dry/Moist	Black cherry					

**Comments:**

Oak-hickory forest with mapleleaf viburnum understory. Also present are white wood aster, false and true Solomon's seal, poison ivy, flowering dogwood, wild grape, Virginia creeper, tulip tree. Unknown ornamental shrubs on slope. Red maple present.

**Unit:** 395  
**Acreage:** 0.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Ailanthus	5-30' & <5'	Yes	Exotic planting Landfill		Trash Pollution

**Comments:**

Strip of Ailanthus along the Interborough Parkway interspersed with hawthorn and blackhaw. Also present are Forsythia, Spirea, unknown honeysuckle, Boston and English ivy and witch hazel. There is trash along the side of the road and traffic exhaust.

**Unit:** 396  
**Acreage:** 0.52  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Tulip tree Black cherry Flowering dogwood	5-30' & <5' 5-30' & <5' 5-30'			Dirt bike Foot traffic	Dirt bike

**Comments:**

Predominately young tulip trees with understory of black cherry, flowering dogwood, scattered young hickory spp., black birch, Sassafras, and mapleleaf viburnum. Forbs include: Virginia creeper, Jack-in-the-pulpit, Virginia knotweed, false Solomon's seal and bittersweet.

**Unit:** 397  
**Acreage:** 1.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>30'&5-30'			Foot traffic	Compaction
Deciduous	Sassafras	>30'&5-30'				Auto
Chamaephytes	Black cherry	5-30'&<5				
Undulating	White oak	>30'&5-30'				
Dry/Moist	Black oak	>30'				

**Comments:**

Closed forest of pin oak and Sassafras. Lots of black cherry mixed in, some <15' black cherry. Sassafras and flowering dogwood. Unit bordered by LIRR tracks and the Interborough Parkway. Slope leading to Interborough contains Japanese honeysuckle, some bittersweet. Other species: wild lily-of-the-valley, red maple, tulip trees, sweetgum, hickory spp., white wood aster, false and true Solomon's seal, Virginia creeper, wild grape, Virginia knotweed, poison ivy, etc.

**Unit:** 398  
**Acreage:** 1.47  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All			Vehicle access	Trash
Deciduous	Black cherry	All				Compaction
Phanerophytes	Black oak	>30'&5-30'				Dumping
Undulating						
Dry/Moist						

**Comments:**

This unit nonconnecting sections between the Interborough Parkway and Union Turnpike. Red oaks and black cherry are mixed sizes with larger black oaks. The understory is dominated by regenerating black cherry and Norway maple, pin oak, sweet cherry, Ailanthus, mulberry, spicebush, arrowwood, Virginia knotweed, true Solomon's seal, poison ivy, Aster, and many more.

**Unit:** 399  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry	Red oak	>30' & 5-30			Foot traffic	Trash Compaction

**Comments:**

A narrow strip of even-aged red oaks along Union Turnpike. Understory is mostly mugwort, but mixed with goldenrod, white wood aster, Aster, orchard grass, chicory, CSG, Polygonum sp., yarrow, Queen Anne's lace, common milkweed, English plantain, grass spp., and more. Unit is adjacent to the bridle trail and has a fence and sidewalk transecting it.

**Unit:** 400  
**Acreage:** 0.37  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Undulating Moist	Red maple Red oak	All >30'			Vehicle access Horses Foot traffic	Erosion Dumping Compaction

**Comments:**

A red maple forest mixed with red oaks and an understory dominated by arrowwood. Some regenerating black cherry and Norway maple. Unit borders the Interborough Parkway with potential vehicle access. MC: Contain horsetail, block-off vehicle access to dumping and autos, and contain branch and sand dumping. Other species: Aster, Polygonum sp., mugwort, Virginia knotweed, Jack-in-the-pulpit and more.

**Unit:** 401  
**Acreage:** 0.13  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Horses	Compaction
Deciduous	Silver maple	>30' & 5-30'			Foot traffic	Erosion
Chamaephytes						Trash
Level						
Moist						

**Comments:**

Small closed forest along Union Turnpike adjacent to the bridle trail. Some black cherry and Norway maple with an understory of mostly arrowwood. MC: Bridle trail expansions are creating compaction and erosion. Other species: black birch, violet sp., day lily, some regenerating silver maple, mugwort, pokeweed, elderberry and more.

**Unit:** 402  
**Acreage:** 0.57  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Vehicle access	Dumping
Deciduous	Sassafras	All			Foot traffic	Trash
Hemicryptophytes	Norway maple	All	Yes			
Level	Hickory spp.	5'-30' & >30'				
Moist						

**Comments:**

This unit has nonconnecting sections along the Interborough Parkway. The bridle trail separates the sections. Many other trees in the unit such as mulberry, red maple, black cherry, tulip tree, American basswood, and Ailanthus. White wood aster and mugwort dominate the vegetation less than 15'. MC: Interborough Parkway vehicle access, dumping, and compaction. Other species: dogbane, pokeweed, violet sp., and more.

**Unit:** 403  
**Acreage:** 0.11  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>30'			Vehicle access	Dumping
Deciduous	Black cherry	>30'			Foot traffic	Trash
Hemicryptophytes	Locust, black	>30'&5-30'	Yes			Compaction
Depression						
Dry/Moist						

**Comments:**

Other trees in the woodland are tulip trees, white oak, corktree, red maple, London planetree, and Sassafras. The understory is open with a groundlayer of partially maintained CSG and forbs. MC: Interborough Parkway vehicle access, roadside dumping. Other species: Rubus, goldenrod, elderberry, cinquefoil sp., Japanese knotweed, garlic mustard and more.

**Unit:** 404  
**Acreage:** 0.19  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	All	Yes		Vehicle access	Trash
Deciduous	Maple red	>30'&5-30'			Foot traffic	Vandalism
Phanerophytes	Black cherry	All				Compaction
Depression						
Dry/Moist						

**Comments:**

This unit is between the Interborough Parkway and Union Turnpike. It's a shallow depression which probably collects street runoff. The understory is mostly regenerating Norway maple with an edge of mugwort. MC: Vehicle access, path and fence need maintenance; compaction. Other species: mulberry, Sassafras, poison ivy, goldenrod, arrowwood, catbrier, Virginia creeper and Virginia knotweed.

**Unit:** 405  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rose	<5'	Yes	Gas station		Trash
Chamaephytes Level Dry/Moist	Graystem dog	<5'				

**Comments:**

Narrow strip of planted rose and graystem dogwood along the Interborough Parkway. Site was formerly a service area for the highway. Few other species: goldenrod, red clover, pokeweed and more.

**Unit:** 406  
**Acreage:** 0.16  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	English rye grass	<5'	Yes	Gas Station	Vehicle access	Vehicle
Mixed	Red spruce	5-30' & <5'	Yes	Landfill	Foot traffic	
Geophytes	American basswood	5-30' & <5'		Exotic planting		
Level Dry/Moist	Red maple	5-30' & >30'				

**Comments:**

A herbaceous meadow with planted trees. Aerial photograph indicates a service station was once here. Other species: Eastern hemlock, mugwort, daisy flebane, black locust (<5'), Canada thistle, yellow sweet clover, orchard grass, large rough hawksbeard, timothy, Queen Anne's lace, moth mullein, goldenrod, red clover, nipplewort, common evening primrose and more. There is vehicle access.

**Unit:** 407  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red maple	>30'&5-30'		Paved path	Foot traffic	Dumping
Deciduous	Norway maple	5-30'&<5'	Yes	Landfill	Vehicle access	Trash
Phanerophytes						
Depression						
Dry/Moist						

**Comments:**

A red maple dominated depression along the Interborough Parkway. Understory is dominated with regenerating Norway maple mixed with some spicebush, elderberry, Japanese knotweed and sycamore maple. Some goldenrod and mugwort probably landfilled. Other species: Poison ivy, hobblebush, enchanter's nightshade, Virginia creeper, pokeweed and more.

**Unit:** 408  
**Acreage:** 0.64  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Autumn olive	5-30' &<5'	Yes	Exotic planting		
Deciduous	Tart. Honeysuckle	5-30'&<5'	Yes	Hedgerow		
Chamaephytes				Landfill		
Slope						
Dry/Moist						

**Comments:**

Slope to the Interborough Parkway planted with tatarian honey and autumn olive. Two sections.

**Unit:** 409  
**Acreage:** 0.89  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Paved path	Foot traffic	Dumping
Deciduous	Red oak	>30' & 5-30'		Landfill	Vehicle access	Compaction
Phanerophytes	Norway maple	All	Yes			Trash
Slope	Black cherry	All				
Dry/Moist						

**Comments:**

A forest of tall black and red oaks with smaller Norway maple and black cherry. It is located between the Interborough Parkway and Union Turnpike. It was probably landfilled at one time. Other trees in the canopy are red maple, hickory sp., white oak, and Sassafras. The understory is mostly regenerating Norway maple and black cherry. MC: Vehicle access and dumping. Other species: Sycamore maple, mapleleaf viburnum, tartarian honeysuckle and more.

**Unit:** 410  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Mugwort	<5'	Yes	Landfill		Compaction
Hemicryptophytes	English rye grass	<5'	Yes			
Slope						
Dry/Moist						

**Comments:**

A herbaceous meadow along Union Turnpike of mostly mugwort. Unit probably landfilled at one time. Part of unit mostly grasses with English rye-grass and orchard grass dominating. Small pockets of cow vetch, white clover, poison ivy, goldenrod and English plantain. Unit has potential to be maintained as a grass meadow. Other spp: Red clover, dandelion and Virginia knotweed.

**Unit:** 411  
**Acreage:** 0.34  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Red oak	>30' & 5-30'		Exotic planting Tree Wells Fullcrown		Trash

**Comments:**

Highway island fenced off at one end with some arrowwood plantings (near Metropolitan Avenue). Mostly red oak, some black and white oak, red maple, Norway maple (on Metropolitan Avenue), and black cherry. Lower layer mostly saplings, but some open spots. Other spp. Include corktree, American elm, American basswood, shadbush, mugwort, white wood aster, bittersweet, poison ivy, spotted wintergreen, and Indian pipe.

**Unit:** 412  
**Acreage:** 0.42  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Hemicryptophytes Undulating Dry/Moist	Red oak	All		Landfill		Trash

**Comments:**

A small closed forest along the Interborough Parkway. It was probably once landfilled. Mostly even-aged red oaks with a white oak, black oak and a couple of corktree. Understory is mostly mugwort but also mixed with regenerating Norway maple, bittersweet, white wood aster, grass spp., rose, deadly nightshade, Rubus, young black cherry, day lily and more.

**Unit:** 413  
**Acreage:** 0.22  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'		Landfill		
Deciduous	Red oak	>30'		Full-crown		
Hemicryptophytes	Grass, orchard	<5'				
Slope	Grass, purple-top	<5'				
Dry/Moist						

**Comments:**

This is a small woodland of only two full-crowned red oaks and two black oaks near the intersection of Metropolitan Avenue and the Interborough Parkway. The understory is mostly WSG that were previously mowed. It has potential for a meadow. Other spp: mugwort, English plantain, pokeweed, great ragweed, red clover, sheep sorrel, English rye-grass, dandelion and more.

**Unit:** 414  
**Acreage:** 0.34  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'		Landfill	Vehicle access	Dumping
Deciduous	Pin oak	>30' & 5-30'				Vagabond
Phanerophytes	Black cherry	All				Trash
Undulating						
Dry/Moist						

**Comments:**

Small patch of forest along the Interborough Parkway eastbound, just past the Metropolitan Ave. exit. It was probably landfilled during highway construction. Understory is mostly regenerating black cherry and Norway maple with a patch of Japanese knotweed on the western end. MC: Unit can easily be accessed from the Interborough Parkway, appears to have a vagabond living here, some roadside dumping, and recently burned. Other spp: American elm, crab apple, rose and more.

**Unit:** 415  
**Acreage:** 0.32  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Tartarian honeysuckl	<5' & 5-30'	Yes	Landfill	Foot traffic	Trash
Deciduous	Forsythia	<5' & 5-30'	Yes	Exotic planting		
Chamaephytes	Blackhaw	<5' & 5-30'		Full-crown		
Slope						
Dry/Moist						

**Comments:**

This is a landscaped shrubland along the Interborough Parkway eastbound and Union Turnpike. There is scattered red maple and crab apple along with young black locust. There's an active paved sidewalk, fence and guardrail in the unit. The unit is growing wild without proper maintenance. This area has been reconstructed since the last set of aerial photos. Other spp: Sassafras, American elm, CSG, mugwort, grass spp., Russian olive, and more.

**Unit:** 416  
**Acreage:** 0.52  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	All	Yes	Landfill	Foot traffic	Compaction
Deciduous	Black cherry	All				Trash
Phanerophytes	Red oak	>30' & 5-30'				Vagabond
Undulating						
Dry/Moist						

**Comments:**

Strip of forest between the Interborough Parkway at the Metropolitan Ave. exit ramps and Union Turnpike. The unit appears to have been landfilled. The canopy also consists of a few black oak, hickory sp., Sassafras and flowering dogwood. The understory is partially denuded of vegetation but dominated by regenerating Norway maple and black cherry. Other spp: Poison ivy, red maple, Virginia creeper, white wood aster, and mapleleaf viburnum.

**Unit:** 417  
**Acreage:** 0.54  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All				Trash
Deciduous	White oak	>30'				
Lianas	Black cherry	All				
Slope	Ivy, poison	<5' & 5-30'				
Dry/Moist	Norway maple	<5' & 5-30'	Yes			
	Catbrier	<5' & 5-30'				

**Comments:**

This is a closed forest of mostly red oak and white oak along the Interborough Parkway just before the Metropolitan Ave. exit. The understory is mostly poison ivy, catbrier, wild grape and bittersweet mixed with some tree regeneration. The unit is partially blocked off with a guardrail and fence. Other spp: Sassafras, flowering dogwood, hickory sp. (<5'), black locust, mapleleaf viburnum, arrowwood, elderberry and more.

**Unit:** 418  
**Acreage:** 0.80  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Landfill		Trash
Deciduous	Norway maple	All	Yes			Compaction
Phanerophytes	Red oak	>30'				
Slope	Hickory spp.	All				
Dry/Moist	Black cherry	<5' & 5-30'				
	Pin oak	>30'				

**Comments:**

This is a strip of forest along the Interborough Parkway eastbound just before Metropolitan Ave. The unit is mostly black oak, Norway maple, and red oak but mixed. The understory is mixed with regenerating Norway maple, black cherry and American elm. Other spp: poison ivy, chives, bittersweet, Virginia creeper, horsechestnut, Virginia knotweed, flowering dogwood, English ivy, mapleleaf viburnum, and more.

**Unit:** 419  
**Acreage:** 0.72  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	All		Landfill		Trash
Deciduous	Norway maple	All	Yes	Exotic planting		
Hemicryptophytes	Pin oak	>30'				
Slope	Black locust	All	Yes			
Dry/Moist						

**Comments:**

This is a narrow strip of highway forest between Union Turnpike and an access road and from Markwood Ave. to Greenway North. Trees appear to have been planted. The understory varies with strips of CSG, patches of Forsythia and areas of Norway maple regeneration. Other spp: Poison ivy, mugwort, bittersweet, Aster, horsechestnut, American basswood, hickory sp. (<5'), honey locust, day lily, American hornbeam and more.

**Unit:** 420  
**Acreage:** 0.44  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30' & 5-30'		Landfill		Trash
Deciduous	Sassafras	All				
Hemicryptophytes	Pin oak	>30'				
Slope						
Dry						

**Comments:**

This is a small woodland between the Interborough Parkway and the Union Turnpike access road. It was probably landfilled for highway construction. The red and pin oaks were probably planted. There is Sassafras invasion. Most of the unit has a previously maintained CSG understory. There is a narrow strip of hobblebush along the Interborough. Other spp: Norway maple, American basswood, American elm, poison ivy and more.

**Unit:** 421  
**Acreage:** 1.90  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'		Exotic planting	Foot traffic	Compaction
Deciduous	Black locust	>30' & 5-30'	Yes	Hedgerow	Picnic	Trash
Phanerophytes	Black cherry	<5' & 5-30'		Lamppost	Campfire/ party	Vandalism
Undulating	Norway maple	<5' & 5-30'	Yes			
Dry						

**Comments:**

Formerly maintained area north of Sgt. Joseph E. Schaefer Oval, now let go. Large black oaks dominate overstory with some black locust throughout, but concentrated in southern part. Heavily used by dogwalkers, partiers, etc. MC: Soil compaction and vandalism. Understory of black cherry, Norway maple, and other saplings with some open spots. Many exotics. Other spp: Hickory spp., Sassafras, sweet cherry, black birch, CSG, mugwort, five-leaved aralia, privet, rose, barberry, true and false Solomon's seal, etc.

**Unit:** 422  
**Acreage:** 0.59  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	Compaction
Deciduous	Hickory spp.	>30' & 5-30'			Vehicle access	
Phanerophytes	Black cherry	<5' & 5-30'				
Slope	Norway maple	<5' & 5-30'	Yes			
Dry/Moist	Sassafras	5'-30'				

**Comments:**

Oak-hickory overstory (including a few red oak) with an understory of regenerating black cherry, Norway maple and Sassafras. Other trees are black birch and flowering dogwood. Other spp include Aster, Virginia knotweed, goldenrod, mapleleaf viburnum, blackhaw, snowdrops, etc. Some trash in unit.

**Unit:** 423  
**Acreage:** 1.50  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Trash
Deciduous	White oak	>30'			Vehicle access	Compaction
Chamaephytes	Black oak	>30'				Dumping
Slope	Spicebush	<5' & 5-30'				
Wet						

**Comments:**

Closed oak forest most of which is on slopes leading into a depression. Understory filled with spicebush. Some scattered black cherry regeneration. Other spp: Black birch, Sassafras, jewelweed, flowering dogwood, aster, false Solomon's seal, Norway maple, Japanese barberry, poison ivy, mapleleaf viburnum, wild grape and hickory spp.

**Unit:** 424  
**Acreage:** 1.84  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	Compaction
Deciduous	Red oak	>30'			Vehicle access	Erosion
Phanerophytes	Tulip tree	>30' & 5-30'			Dirt bike	
Slope	White oak	>30'				
Moist						

**Comments:**

Oak forest with a pocket of tulip trees that surrounding areas slope down towards. (near the LIRR Montauk Line). Scattered spicebush and mapleleaf viburnum. Quite a bit of black cherry regeneration. Patches of bittersweet vines. Lots of foot traffic. Other trees are Sassafras, black cherry, Norway maple, flowering dogwood, black birch and hickory spp. Other spp: Aster, sweet cicely, Japanese honeysuckle, spotted knapweed, garlic mustard, true Solomon's seal, Virginia knotweed, CSG strip along E Main Dr, path rush, and goldenrod.

**Unit:** 425  
**Acreage:** 0.32  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Sassafras	5'-30'			Foot traffic Vehicle access	Dumping Trash Erosion

**Comments:**

Small Sassafras pocket near the corner of 115th St. and Park Ln. S. Patch of bittersweet overgrowing some of the trees. Quite a bit of black cherry regeneration and lots of shrubs. Recently cut cherry tree. Erosion a problem along foot trails; soil very loose in places. Other spp: hobblebush, bittersweet, crab apple, spicebush, black birch, Aster, hawthorn, flowering dogwood, hickory spp, false Solomon's seal, Virginia knotweed, Japanese honeysuckle, Norway maple regeneration, arrowwood, rose, chicory, black and red oak.

**Unit:** 426  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Lianas Slope Moist	Red oak Black oak Bittersweet Catbrier	>30' >30' <5' <5'		Yes	Foot traffic Vehicle access	Fire Compaction

**Comments:**

Oak overstory with bittersweet and catbrier covering the ground. Part of unit is burned. Unit slopes from main path to the east and west. Other trees are hickory spp., white oak, Sassafras, crab apple, flowering dogwood. Other species: Aster, goldenrod, sweet cicely, spotted wintergreen, spicebush, Virginia knotweed, mapleleaf viburnum, etc. Nice wildlife area--lots of cardinals, blue jays, a robin, veery, etc.

**Unit:** 427  
**Acreage:** 5.90  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'&5-30'			Foot traffic	Compaction
Deciduous	Black oak	>30'			Hang-out	Trash
Chamaephytes	Tulip tree	All			Sports	
Undulating	Black cherry	5-30'&<5'				
Moist	Spicebush	5-30'&<5'				
	Mapleleaf viburnum	5-30'&<5'				

**Comments:**

Forest of large oaks (mostly red, some black, and few white) with large tulip trees scattered throughout, some tulip regeneration and lots of black cherry 5-30'. Understory dominated by spicebush and mapleleaf viburnum. Lots of meandering trails, some compacted party areas, fallen trees and trash. Overall very nice forest. Lots of flowering dogwood in northern half; understory thins out toward South end. Other spp: Aster, chives, honewort, corktrees (5-30'), black walnut (>30'), Rubus, white ash, true Solomon's seal, etc.

**Unit:** 428  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	5-30'&<5'			Foot traffic	Compaction
Deciduous	Sassafras	5-30'			Vehicle access	
Phanerophytes	American elm	5-30'				
Slope						
Dry/Moist						

**Comments:**

Small forest of the above species adjacent to unit 427 along Park Lane South. Not as much American elm. Other species: 1 red oak, 1 American basswood, rose, chives, Aster, true Solomon's seal, sweet ciciely, blackhaw, Japanese barberry, crab apple, Norway maple regeneration, spicebush, Virginia knotweed, etc.

**Unit:** 429  
**Acreage:** 0.43  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Pin oak	>30'			Vehicle access	Trash
Deciduous	Norway maple	5-30'&<5'	Yes		Foot traffic	
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Disturbed forest--large pin oaks on top of slopes; Norway maple regeneration throughout, mostly 5-30' trees on slope. Japanese honeysuckle and poison ivy cover the ground. Patches of rose. Some scattered black cherry <5'. Dead/dying Ailanthus on bottom of slope. Norway maple will take over unit. Other trees: American elm, black locust, black cherry. Other species: chives, bittersweet, mugwort, dandelion, dodder, Aster, patches of Japanese knotweed, CSG, goldenrod, bitter dock, Hosta, etc.

**Unit:** 430  
**Acreage:** 1.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'&5-30'			Foot traffic	Compaction
Deciduous	Black cherry	5-30'&<5'			Picnic	Erosion
Chamaephytes					Vehicle access	Trash
Slope						
Moist						

**Comments:**

Closed forest of red oak with black cherry. Most of unit on slope surrounding a knoll made by Interborough Pkwy exchanges and Metropolitan Ave. Lots of foot traffic, seems to be a party area. Quite a bit of mapleleaf viburnum in understory. A lot of trash and "picnic"-like appearance may just come from the vagabond living in this unit. Other spp: spotted wintergreen, Indian pipe, Virginia knotweed, lots of Aster, goldenrod, red maple, false Solomon's seal, CSG, catbrier, rhododendron spp., poison ivy, hickory spp., etc.

**Unit:** 431  
**Acreage:** 0.24  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Sassafras	5'-30'			Vehicle access	

**Comments:**

Sassafras forest on slope leading down to the Interborough Parkway. Scattered black cherry and flowering dogwood trees. Norway maple regeneration and some black cherry (<5'). Other species include rose, Japanese barberry, false Solomon's seal, mapleleaf viburnum, Rhododendron sp., ferns, wild lily-of-the-valley, bittersweet, goldenrod, 1 pin oak, poison ivy, moss, black birch, red maple regeneration, highbush blueberry, catbrier, 1 red oak, etc.

**Unit:** 432  
**Acreage:** 2.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Undulating Moist	Black oak Red oak Mapleleaf viburnum Black cherry	>30' >30'&5-30' 5-30'&<5' 5-30'&<5'		Paved path Lamppost	Foot traffic	

**Comments:**

Two areas of oak forest, mapleleaf viburnum and spicebush understory separated by East Main Drive and bordered by Metropolitan Avenue and the Interborough Parkway. Partly enclosed by new chainlink fence. Scattered black cherry mixed in understory, also flowering dogwood, Norway maple and Sassafras. Other species: blackhaw, white oak, false and true Solomon's seal, hickory spp., arrowwood, wood anemone, tulip trees (5-30' ) and white ash ( 5-30' ), catbrier, etc.

**Unit:** 433  
**Acreage:** 0.90  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Fence	Foot traffic	Leaf dumping
Deciduous	Norway maple	5-30'&<5'	Yes		Vehicle access	Erosion
Phanerophytes	Black cherry	All				Vandalism
Slope						
Dry/Moist						

**Comments:**

Closed forest between landscaped area near the overlook and nearby buildings. Lots of leaf litter in understory blown from manicured lawn (MC). Lots of erosion (MC), some trash and dumping, root exposure and also small Norway maple stumps close by. Other species include: black locust, red oak, Sassafras, American elm, crab apple, Aster, chives, Japanese barberry, goldenrod, garlic mustard, rose, pin and white oak, flowering dogwood, hickory spp., blackhaw, American basswood, etc.

**Unit:** 434  
**Acreage:** 1.23  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Norway maple	All	Yes	Tree wells	Foot traffic	Dumping
Deciduous	Black cherry	All		Exotic planting		Trash
Phanerophytes						Compaction
Undulating						
Dry/Moist						

**Comments:**

Most of unit, especially the northern half, dominated by Norway maple; southern half has more oak, black cherry, Sassafras and chamaephytes. Large (>30') trees are 3-4 black oak, 2 red oak, a tulip tree, some white ash (smaller dbh) and white oak. Bare soil in northern Norway maple section; most dumping occurring along Metropolitan Ave. Large rock outcrops. Some bittersweet patches, some large black cherry and lots of cherry (<5' and 5-30') in southern half. Other spp: hobblebush, jet black bead, goldenrod, etc.

**Unit:** 435  
**Acreage:** 0.26  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Depression Moist	Red maple					Trash

**Comments:**

Slope off the Interborough Parkway leading into a small moist depression. Overstory of young tall red maples. Groundcover composed of CSG, bitter dock and others. Open understory. Some trash. Other species: crabgrass, Joe-Pye weed, elderberry, sweetgum, pin oak, black birch, corktree, wineberry, rose, dandelion, mugwort, etc.

**Unit:** 436  
**Acreage:** 1.13  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Slope Dry/Moist	Red oak Norway maple	>30'&5-30' 5-30'&<5'	Yes	Exotic planting Tree wells		Erosion Dumping Trash

**Comments:**

Steep slope of large red oaks and mixed in Norway maple, Sassafras, black oak and flowering dogwood. Understory dense with regenerating trees and planted shrubs. MC: some soil erosion. Other species: rhododendron, mapleleaf viburnum, spicebush, poison ivy, white wood aster, jet black bead, chives, false Solomon's seal, enchanter's nightshade, black walnut, Asters, etc.

**Unit:** 437  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Rubus	<5'			Foot traffic	
Deciduous	Rose	<5'	Yes		Vehicle access	
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

Scrubby edge that has developed between a small mowed lawn and forest edge. Nice wildlife spot. Other species: bittersweet, jet black bead, garlic mustard, mugwort, bitter dock, burdock, Norway maple (<5') on edge, goldenrod, CSG, 1 pin oak (>30'), 1 crab apple, chives and lettuce spp. Two patches of bittersweet on north and south sides of unit.

**Unit:** 438  
**Acreage:** 0.13  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'&5-30'			Foot traffic	Erosion
Deciduous	Pin oak	5-30'			Vehicle access	
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Small, thin, sloping closed forest along East Main Drive close to the Overlook. Lots of regenerating crab apple, patch of bittersweet vines. Some pin oak, 5-30' tall. Two foot paths have caused erosion. Lots of Aster in the groundcover with leaf litter. Other species include false Solomon's seal, Norway maple (<5'), bittersweet, Rhododendron sp., white ash, a few gray birch, mapleleaf viburnum, blackhaw, and cinquefoil.

**Unit:** 439  
**Acreage:** 0.46  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Desert				Exotics	Boro office Foot traffic Vehicle access	
Chamaephytes						
Slope						
Dry						

**Comments:**

The Overlook--Queens Borough Office. Unit includes landscaped area surrounding building with a few trees (red oak, shadbush, crab apple, American basswood and Norway spruce ), lots of shrubs ( Euonymous sp., Rhododendron sp., siebold viburnum, holly and Japanese yew ), and a groundcover of pachysandra and English ivy with planted daffodils. Some CSG. Other species: eastern redcedar, and flowering dogwood.

**Unit:** 440  
**Acreage:** 1.43  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'&5-30'			Foot traffic	Fire
Deciduous	Black birch	All			Horses	Compaction
Phanerophytes	White oak	>30'&5-30'				
Undulating	Red oak	>30'&5-30'				
Dry/Moist	Sassafras	5-30'				
	Flowering dogwood	5-30'				

**Comments:**

Closed forest of large oaks, tulip trees, and black birch. Smaller oaks, black birch, Sassafras, flowering dogwood, corktree and hickory spp. Vegetation <15' very sparse, understory open. Area has been burned. Other species: pin oak, red maple, mapleleaf viburnum, white wood aster, Rubus, Virginia creeper and true Solomon's seal.

**Unit:** 441  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous Deciduous Hemicryptophytes Slope Moist	Mugwort	<5'	Yes	Exotic planting Paved path Lamppost	Horses Foot traffic Vehicle access	Compaction Erosion

**Comments:**

Strip of mugwort with exotic plantings ( trees and shrubs ) along edge of the Interborough Parkway and including the bridle path and former paved path. Other spp: catalpa sp., highbush blueberry, mulberry, Norway maple, crab apple, bittersweet, great ragweed, red oak, and chives.

**Unit:** 442  
**Acreage:** 0.36  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Slope Dry/Moist	Red oak	>30'&5-30'		Exotic planting Paved path Lamppost	Horses Foot traffic	Compaction Erosion

**Comments:**

Closed forest of red oaks bordering the Interborough Parkway and including the bridle path. Vegetation <15' contain many exotic shrubs: jet black bead. Some arrowwood. Lots of poison ivy covering the ground. Other trees include: Norway maple, corktree, white oak, black cherry, black oak, and sweet cherry. Other species: blackhaw, enchanter's nightshade, true Solomon's seal, etc.

**Unit:** 443  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'&5-30'			Foot traffic	
Deciduous	Tulip tree	>30'&5-30'				
Phanerophytes	Black oak	>30'&5-30'				
Level	Black cherry	5-30'&<5'				
Moist						

**Comments:**

Small corner of closed oak-tulip tree forest with dense black cherry understory. Some arrowwood and spicebush. Ground covered in white wood aster. Other species: mapleleaf viburnum, hickory spp., sweet cherry, Norway maple, wild grape, corktree, and Jack-in-the-pulpit.

**Unit:** 444  
**Acreage:** 0.96  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Exotic planting	Foot traffic	Dumping
Deciduous	Sassafras	>30'&5-30'		Paved path		
Chamaephytes	Hickory spp.	>30'&5-30'		Lamppost		
Slope	Red oak	>30'				
Moist	Tulip tree	>30'				

**Comments:**

Oak-hickory-tulip tree forest with loads of medium-sized Sassafras. Lots of shadbush, some corktree. Vegetation <15' mostly arrowwood, sweet pepperbush, spicebush and other chameaphytes. Ground covered with herbs and lianas (Japanese honeysuckle, Virginia creeper, poison ivy ). Some exotics near Interborough Parkway.

**Unit:** 445  
**Acreage:** 0.23  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'&<5'		Fence	Horses	Compaction
Deciduous	Tulip tree	<5'			Foot traffic	
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Clearing created when two large black oaks fell. One side already open from railroad right-of-way. Understory consists of <6' tulip tree, black birch, hickory spp., corktree, some black cherry, Sassafras and oak spp. Ground covered in Virginia creeper. Other species: Virginia knotweed, white snakeroot, wild grape, Pennsylvania sedge, path rush and whorled loosestrife.

**Unit:** 446  
**Acreage:** 2.16  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Horses	Erosion
Deciduous	White oak	>30'			Foot traffic	Fire
Hemicryptophytes	Red oak	>30'			Vehicle access	Vandalism
Undulating	Tulip tree	>30'				
Moist			Yes			

**Comments:**

Large oaks, some tulip tree and hickory spp. Encircled by wide, eroded bridle paths ( muddy puddles ). MC: Soil bare of Vegetation except around bases of trees and small islands. Western end flooded with many wet-site species (elderberry, jewelweed, etc. ) Unit also includes underpass below Interborough Parkway.

**Unit:** 447  
**Acreage:** 0.54  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	
Deciduous	Tulip tree	>30'			Horses	
Phanerophytes	Red oak	>30'				
Level	White oak	>30'				
Moist	Corktree	5-30'&<5'	Yes			

**Comments:**

Forest of large oaks, tulip trees, with some hickory spp., pin oak, black birch, and corktree 5-30' with regenerating corktrees. Other species are flowering dogwood, blue-stemmed goldenrod, white wood aster, Virginia creeper, Jack-in-the-pulpit, true and false Solomon's seal, poison ivy, Virginia knotweed, arrowwood and mapleleaf viburnum.

**Unit:** 448  
**Acreage:** 1.89  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'&5-30'		Paved path	Horses	Compaction
Deciduous	Black oak	>30'		Lamppost	Foot traffic	Erosion
Phanerophytes	Corktree	5-30'&<5'	Yes	Exotic planting		
Undulating	Tulip tree	All				
Moist	White oak	>30'&5-30'				
	Spicebush	5-30'&<5'				

**Comments:**

Closed oak-tulip-hickory forest with prolific understory of corktree. Lots of spicebush, some arrowwood. Ground covered in white wood aster, Virginia creeper, enchanter's nightshade, Virginia knotweed, true and false Solomon's seal, and others. Other species: pin oak, white ash <5', black cherry, Norway maple, Sassafras, mapleleaf viburnum, poison ivy, wild grape, Rhododendron, mountain laurel, etc.

**Unit:** 449  
**Acreage:** 0.79  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Foot traffic	Fire
Deciduous	Black oak	>30'				Trash
Phanerophytes	Tulip tree	All				
Undulating	Corktree	5-30'&<5'	Yes			
Moist	Black birch	>30'&5-30'				
	Flowering dogwood	5-30'&<5'				

**Comments:**

Forest of large white oaks and less black oaks with few large black birch and many 5-30' tulip trees and 5-30' corktree scattered throughout. Part of unit in a depression that may get wet. Understory open and groundcover sparse except for Virginia creeper and false Solomon's seal. Other species: white wood aster, American beech, red maple, sweetgum, hickory spp., pin oak, etc. MC: Fire and compacted foot paths.

**Unit:** 450  
**Acreage:** 0.22  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'&<5'				
Deciduous	Tulip tree	>30'&<5'				
Phanerophytes	Red oak	>30'&<5'				
Level						
Dry/Moist						

**Comments:**

Small unit of closed forest with large tulip and other oaks. Young corktrees, tulip tree, black cherry, oaks, black birch, and flowering dogwood. Mapleleaf viburnum, throughout. Other plants include: white wood aster, false Solomon's seal, Virginia creeper, wild grape and whorled loosestrife.

**Unit:** 451  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'				Berm
Deciduous	Tulip tree	5'-30'&<5'				
Phanerophytes	Black birch	5'-30'&<5'				
Slope	Flowering dogwood	5-30'&<5'				
Dry/Moist						

**Comments:**

Large black oaks, hickory spp., and white oaks with dense layer <20' of black birch, tulip tree and other saplings beneath. Berm created near bridle path. Other species: black cherry, mapleleaf viburnum, white wood aster, spikenard, poison ivy, horsebalm, Virginia creeper, corktree, etc.

**Unit:** 452  
**Acreage:** 0.97  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Fire
Deciduous	Black oak	>30'				
Chamaephytes	White oak	>30'				
Undulating	Viburnum mapleleaf	<5'				
Dry/Moist						

**Comments:**

Closed forest of red and black oaks in almost equal amounts followed by white oak with a carpet of mapleleaf viburnum throughout. MC: Fence along railroad (Montauk Line) broken in spots. Some regeneration of hickory spp. <5', black cherry and tulip tree. Some sweetgum Some white wood aster, and wild grape.

**Unit:** 453  
**Acreage:** 0.09  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Level Dry/Moist	Black birch	5'-30' & <5'				

**Comments:**

Small patch of ~15' black birch. Some tulip tree mixed in. Some mapleleaf viburnum beneath. Other species: white wood aster, blue-stemmed goldenrod, Virginia knotweed, arrowwood, corktree, flowering dogwood, and false Solomon's seal.

**Unit:** 454  
**Acreage:** 0.17  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Undulating Dry/Moist	Sweetgum Black birch	5-30' >30'			Foot traffic	Fire Dumping

**Comments:**

Sweetgum throughout, black birch more spotty. Less mapleleaf viburnum than surrounding units. Regeneration of sweetgum, tulip tree, little black cherry and black birch. Other species include: flowering dogwood, white wood aster and Virginia creeper.

**Unit:** 455  
**Acreage:** 1.72  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'		Paved path	Foot traffic	
Deciduous	White oak	>30'		Lamppost	Horses	
Chamaephytes	Blach cherry	5'-30'&<5'				
Undulating	Viburnum, mapleleaf	<5'				
Dry/Moist						

**Comments:**

Oak forest with some hickory spp. and black cherry. Lots of mapleleaf viburnum. Some corktree and flowering dogwood. Other species include: pin oak, black birch, arrowwood, American beech, wild geranium, white wood aster, wild grape, Virginia knotweed, Joe-Pye weed, and deadly nightshade.

**Unit:** 456  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Scrub	Graystem dogwood	5'-30'&<5'			Foot traffic	
Deciduous						
Chamaephytes						
Slope						
Dry/Moist						

**Comments:**

Open patch of graystem dogwood surrounded by large oaks. Some wild grape and mapleleaf viburnum. Other species are Sassafras, hickory spp., Jack-in-the-pulpit, tulip tree, corktree, and black cherry.

**Unit:** 457  
**Acreage:** 0.07  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory spp.	5'-30' & <5'				Fire
Deciduous	Flowering dogwood	5'-30' & <5'				
Hemicryptophytes Level Dry/Moist						

**Comments:**

Very small patch of above trees with white and red oaks, <20', also a couple of corktree, one blackhaw. Not as much mapleleaf viburnum as surrounding areas. Ground covered in false Solomon's seal, white wood aster, low mapleleaf viburnum and tree seedlings. Some wild grape and bittersweet.

**Unit:** 458  
**Acreage:** 0.44  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic Horses	Erosion Compaction
Deciduous	Black oak	>30'				
Chamaephytes Undulating Dry/Moist	Viburnum, mapleleaf	5'-30' & <5'				

**Comments:**

Some regenerating trees: black cherry, tulip tree, a little black birch, Sassafras, flowering dogwood, less corktree than surrounding units. Herbaceous plants include: Aster, false Solomon's seal, etc. MC: erosion, compaction on bridle trail.

**Unit:** 459  
**Acreage:** 2.22  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Hickory spp.	>30'&5-30'			Foot traffic	Compaction
Deciduous	Corktree	5-30'&<5'	Yes		Horses	
Phanerophytes					Cruising	
Undulating						
Moist						

**Comments:**

Moist forest of hickory spp., and scattered large red, black, and pin oak with smaller corktree. Some black cherry, Sassafras, black locust, red maple, tulip tree and sweetgum. Ground covered in enchanter's nightshade, Jack-in-the-pulpit, Virginia creeper, poison ivy, jewelweed, and others. Patches of bittersweet, arrowwood, and elderberry evenly distributed.

**Unit:** 460  
**Acreage:** 0.70  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'&5-30'		Exotic planting	Foot traffic	Dumping
Deciduous	White oak	>30'				
Chamaephytes						
Slope						
Moist						

**Comments:**

Closed oak forest with lots of spicebush. Some opening with wild grape. Other species are: tulip tree, black cherry, arrowwood, mapleleaf viburnum, enchanter's nightshade, and Jack-in-the-pulpit.

**Unit:** 461  
**Acreage:** 0.20  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black locust	>30'&5-30'	Yes	Paved path	Foot traffic	
Deciduous	Black cherry	5'-30'&<5'		Lamppost	Horses	
Chamaephytes	Spicebush	5'-30'&<5'				
Depression						
Moist						

**Comments:**

Small moist black locust/ black cherry forest with spicebush beneath. Lots of Virginia creeper. Unit includes bridle path (old paved path) and stretches almost to the Interborough Parkway. Other species: Virginia knotweed, poison ivy, arrowwood, white wood aster, Jack-in-the-pulpit, etc.

**Unit:** 462  
**Acreage:** 0.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Cool season grass	<5'		Exotic planting	Foot traffic	Erosion
Hemicryptophytes	Mugwort	5-30'&<5'	Yes	Hedgerow		Dumping
Level				Landfill		Trash
Wet						

**Comments:**

MC: One of the few meadow-like areas in Forest Park, restrict mugwort expansion. Many herbaceous species, some sapling of sweetgum and red maple (15') planted near Interborough Parkway. Elm seedlings scattered throughout. Area receives drainage from parkway and bridle paths. Other species: Aster, chickweed, English and common plantain, white and red clovers, elderberry, Bidens, Queen Anne's Lace, fringed loosestrife, chicory, St. Johnswort, etc.

**Unit:** 463  
**Acreage:** 0.36  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Compaction
Deciduous	Black birch	>30' & <5'			Horses	Erosion
Hemicryptophytes					Crusing	Trash
Undulating						
Dry/Moist						

**Comments:**

Oak-birch woodland with open understory and little groundcover except on mounds near railroad. MC: Soil compaction from walkers, horses and dirtbikers. Other plants include: black oak, CSG, wood rush, Pennsylvania sedge, pathrush, mapleleaf bayberry, Ailanthus, corktree, Sassafras, wild lily-of-the-valley, whorled loosestrife, black cherry, flowering dogwood, and hickory spp.

**Unit:** 464  
**Acreage:** 0.11  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Vandalism
Deciduous	Viburnum maple	<5'			Horses	
Chamaephytes					Crusing	
Knoll						
Dry/Moist						

**Comments:**

Small oak woodland (black, red, and white) with understory of mapleleaf viburnum and catbrier with many vandalized (cut approximately 4' above ground ) black birch. Other plants are: black cherry, wood rush, false Solomon's seal, Rubus, and blue-stemmed goldenrod.

**Unit:** 465  
**Acreage:** 2.37  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'&5-30'			Foot traffic	Compaction
Deciduous	Red oak	>30'&<5'			Cruising	
Phanerophytes	Black birch	5-30'&<5'			Horses	
Undulating	Flowering dogwood	5-30'&<5'				
Dry/Moist	Black cherry	5-30'&<5'				
	Viburnum, mapleleaf	<5'				

**Comments:**

Oak woodland with dense (in most places) understory of tree regeneration, some more open spots with less understory. Other plants include: white oak, hickory spp., American beech, highbush blueberry, wild lily-of-the-valley, false Solomon's seal, and white wood aster.

**Unit:** 466  
**Acreage:** 1.40  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'&5-30'			Foot traffic	Trash
Deciduous	Black cherry	5-30'&<5'				
Phanerophytes	Flowering dogwood	5-30'&<5'				
Undulating						
Dry/Moist						

**Comments:**

Closed forest of large black and red oaks. Understory trees of black cherry and flowering dogwood, some patches of black birch and wild grape. Lots of mapleleaf viburnum throughout. Other species: white wood aster, false Solomon's seal, Jack-in-the-pulpit, Sassafras, and hickory spp..

**Unit:** 467  
**Acreage:** 0.67  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Sassafras	All		Paved path		Erosion
Deciduous	Black birch	All		Lamppost		Compaction
Chamaephytes	Red oak	>30'&5-30'		Exotic planting		Dumping
Undulating	Spicebush	5-30'&<5'				
Moist						

**Comments:**

Closed forest of above trees; more oaks closer to the Interborough Parkway. MC: Two paths, both eroded and compacted. Some old dumping from Parkway. Spicebush, arrowwood, mapleleaf viburnum throughout. Other species: white wood aster, Japanese honeysuckle, Jack-in-the-pulpit, bittersweet, Pennsylvania sedge, white wood aster, etc.

**Unit:** 468  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	5-30'&<5'		Fence	Foot traffic	Compaction
Deciduous	Corktree	All	Yes		Horses	
Phanerophytes	Hickory spp.	>30'&<5'				
Level	Ailanthus	5-30'&<5'	Yes			
Dry/Moist						

**Comments:**

Forested strip of above trees. More Ailanthus close to railroad tracks. Other plants include enchanter's nightshade, false Solomon's seal, black birch, Jack-in-the-pulpit, bittersweet, Pennsylvania sedge, white wood aster, etc.

**Unit:** 469  
**Acreage:** 0.37  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Phanerophytes Depression Dry/Moist	Red oak	<5' & >30'			Foot traffic Horses	Compaction

**Comments:**

Open depression surrounded by large oaks (red, black, white) and two large American beech. Understory open with scattered corktree, black cherry, and others. Other plants include: black birch, buckthorn, flowering dogwood, starry campion, Virginia knotweed, white wood aster, ferns, hickory spp. and mapleleaf viburnum.

**Unit:** 470  
**Acreage:** 1.34  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Phanerophytes Undulating Dry/Moist	Black oak Corktree	All <5' & 5-30'	Yes	Full-crown	Foot traffic Cruising	Fire Compaction

**Comments:**

Woodland of large black oaks with understory of corktree, oaks, and hickories, some Sassafras, black birch, Ailanthus, flowering dogwood, and black cherry. MC: Soil compaction due to intense foot traffic, evidence of fire (most regeneration is root suckers). A lot of mapleleaf viburnum and wild grape. Other plants: white wood aster, Virginia creeper, goldenrod, Pennsylvania sedge, spicebush, Jack-in-the-pulpit, spotted wintergreen and American chestnut.

**Unit:** 471  
**Acreage:** 0.27  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black birch	>30' & 5-30'			Foot traffic	Compaction
Deciduous	Sassafras	>30' & 5-30'			Cruising	Trash
Hemicryptophytes	White oak	>30' & 5-30'			Horses	
Level	Flowering dogwood	<5' & 5-30'				
Dry/Moist	Hickory spp.	5'-30'				

**Comments:**

Small forested area of above trees. Understory open. Ground covered with white wood aster, Pennsylvania sedge, goldenrod, false Solomon's seal, whorled loosestrife, and some tree seedlings. A few compacted paths, that contain some path rush, run through. Other plants include: corktree, mapleleaf viburnum, etc.

**Unit:** 472  
**Acreage:** 0.40  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30' & 5-30'			Foot traffic	
Deciduous	Black birch	>30' & 5-30'				
Chamaephytes	Viburnum, mapleleaf	<5' & 5-30'				
Slope						
Dry/Moist						

**Comments:**

Small strip of large black oaks with black birch and some red oak and flowering dogwood with an understory of mapleleaf viburnum and saplings of corktree and black cherry. Some foot traffic. Note: Raccoon den. Other spp: false and true Solomon's seal, white wood aster, whorled loosestrife, etc.

**Unit:** 473  
**Acreage:** 0.85  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Horses	Erosion
Deciduous	Black cherry	All			Foot traffic	Trash
Phanerophytes	Black birch	All				Vandalism
Slope	Corktree	All	Yes			
Dry/Moist						

**Comments:**

A narrow strip of forest near the Interborough Parkway partially bounded by a bridle and walking path. Understory consists of young black cherry, corktree and a few flowering dogwood. MC: Some erosion along the bridle trail, black cherry tree blocking the walking path, vandalized lampposts. Other spp: mapleleaf viburnum, red maple, false Solomon's seal, CSG, wild lily-of-the-valley, etc.

**Unit:** 474  
**Acreage:** 0.61  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	American beech	All			Vehicle access	Trash
Deciduous	Black birch	All				
Phanerophytes	Black oak	>30'				
Slope						
Dry/Moist						

**Comments:**

A mixed forest of the above species along the Interborough Parkway. Also a few oak. Unit is partially bordered by a fence and a paved path. Understory is mostly regenerating American beech, black cherry, and black birch. Other species: mapleleaf viburnum, corktree (<5'), true Solomon's seal, CSG, wild lily-of-the-valley and more.

**Unit:** 475  
**Acreage:** 0.16  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Compaction
Deciduous	Corktree	5-30'&<5'	Yes		Cruising	
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Woodland of large red and black oaks with younger corktree, black cherry, flowering dogwood and hickory spp. Some mapleleaf viburnum and spicebush. Other plants include: black birch, false Solomon's seal, white wood aster, whorled loosestrife, American beech, ferns, etc.

**Unit:** 476  
**Acreage:** 0.77  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Compaction
Deciduous	Flowering dogwood	5'-30'&<5'			Horses	
Phanerophytes	Black cherry	5'-30'&<5'			Cruising	
Slope						
Dry/Moist						

**Comments:**

Woodlands of some large oaks and several large American beech. Understory open and spots dominated by flowering dogwood, black oak and red oak <20'. Ground covered in ferns, false Solomon's seal, white wood aster, and others. Blue-stemmed goldenrod, mapleleaf viburnum, hickory spp., spicebush, Pennsylvania sedge, etc.

**Unit:** 477  
**Acreage:** 1.79  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Corktree	5-30' & <5'	Yes		Foot traffic	Soil Pits
Deciduous	Black birch	5-30' & <5'			Cruising	Trash
Phanerophytes	Hickory spp.	5'-30'			Dirt bike	Erosion
Undulating						
Dry/Moist						

**Comments:**

Woodland of young trees (mostly <30') of above spp. mixed with a couple of large black oaks. Other trees <30' include oaks, flowering dogwood, tulip tree and black cherry. Unit has a few patches of wild grape and bittersweet. MC: Appears to be a lot of sexual activity and cruising, large soil pit causing erosion, reduce the number of walking trails, trashy. Community may become a closed forest. Other spp: fern sp., false and true Solomon's seal, wild geranium, poison ivy, Virginia knotweed, wood anemone, 1 white pine sapling.

**Unit:** 478  
**Acreage:** 11.53  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30' & 5-30'		Tree Id Tag	Foot traffic	Dumping
Deciduous	Corktree	All	Yes		Horses	Compaction
Phanerophytes	Black oak	>30'			Cruising	Fire
Undulating	Flowering dogwood	5-30'				
Dry/Moist						

**Comments:**

Large red oak/black oak forest between E. Main Dr. and Metropolitan Ave. Understory has extensive regeneration of corktree (mostly <30'). Other trees: white oak, black birch, tulip tree, American beech, hickory sp., Sassafras and black cherry. Rolling topography. Many walking trails (evidence of a nature trail-tree markers). Part of unit was recently burned. Many areas containing dumped auto parts. Ground layer sparse with mapleleaf viburnum, false Solomon's seal, Virginia knotweed, etc. Need to block some trails.

**Unit:** 479  
**Acreage:** 0.72  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'&<5'			Foot traffic	Compaction
Deciduous	Black oak	>30'&<5'			Picnic	Erosion
Hemicryptophytes					Horses	
Knoll						
Dry/Moist						

**Comments:**

Grassy knoll with large oaks and open understory. Ground covered in path rush, wood rush, and grass with patches of white wood aster, cinquefoil, and wild lily-of-the-valley. Scattered whorled loosteife, stary campion and violets. Area used by picniners, horseback riders and others. MC: Lots of soil compaction, some soil erosion near RR. Note: Trash baskets placed here, not too trashy. Other spp: highbush blueberry, mapleleaf viburnum, black cherry, flowering dogwood, oak sp., wild sarsaparilla, hawkweed, and black birch.

**Unit:** 480  
**Acreage:** 1.39  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	All			Foot traffic	Compaction
Deciduous	Black birch	All			Cruising	Fire
Phanerophytes	White oak	All				
Undulating	Black cherry	5-30'&<5'				
Dry/Moist	Viburnum, mapleleaf	5-30'&<5'				

**Comments:**

Woodland of large red, white and black oaks, and black birch. Understory is mainly thicket-like mix of ~6' phanerophytes (above) and shrubs ( mapleleaf viburnum and highbush blueberry ). Some more open spots with herbaceous groundcover. Other plants include: wild lily-of-the-valley, flowering dogwood, sensitive fern, Pennsylvania sedge, white wood aster, blue-stemmed goldenrod, wild sarsaparilla, and American chestnut.

**Unit:** 481  
**Acreage:** 0.44  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Red oak	>30'			Foot traffic	Compaction
Deciduous	Corktree	5-30'&<5'	Yes		Cruising	
Phanerophytes						
Depression						
Dry/Moist						

**Comments:**

Depression filled with <15' high trees, mostly corktree, also lots of Sassafras, flowering dogwood, black birch, hickory spp. Large red and black oaks on edge. Very viney with grape and bittersweet in spots. Other plants include: false Solomon's seal, mapleleaf viburnum, Pennsylvania sedge, ferns, blue-stemmed goldenrod, spikenard, horsebalm and Joe-Pye weed.

**Unit:** 482  
**Acreage:** 0.17  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	White oak	>30'			Horses	Compaction
Deciduous	Red oak	>30'			Foot traffic	Trash
Lianas	Bittersweet	5-30'&<5'	Yes			
Slope						
Dry/Moist						

**Comments:**

A small woodland of a few trees with an understory of predominantly bittersweet. Unit includes a section of the bridle trail. Vines are just starting to approach the bases of the oaks. Other spp., Sassafras >30', patch of corktree, wild grape and more.

**Unit:** 483  
**Acreage:** 0.31  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Horses	Compaction
Deciduous	Black birch	>30'			Foot traffic	Vandalism
Phanerophytes					Vehicle access	Erosion
Undulating						
Dry						

**Comments:**

Small unit adjacent to American beech forest denuded of all ground vegetation. It looks like a hang-out spot and a resting area for horses. MC: Some trees cut down; soil is compacted and barren from horses, foot traffic and ATV's. A couple of young American beech are present..

**Unit:** 484  
**Acreage:** 0.40  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	American beech	All		Paved path	Horses	Vandalism
Deciduous				Lamppost	Foot traffic	Fire
Phanerophytes						Compaction
Undulating						
Dry/Moist						

**Comments:**

Three small nonconnecting sections of American beech forest. Understory is mostly American beech and corktree. MC: All beeches have been carved, few are cut down, some have fire scars, some surrounded by dumping along the Interborough Parkway are surrounded by bridle and walking paths. Other species: hickory sp. (1), bittersweet, white oak, 1 red oak and more.

**Unit:** 485  
**Acreage:** 1.02  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'		Fence	Foot traffic	Culvert
Deciduous	Corktree	5-30'&<5'	Yes			Fire
Phanerophytes	Red oak	>30'				Auto
Slope						
Dry/Moist						

**Comments:**

Black-red oak woodland with corktree sapling understory. Unit slopes down to the tulip tree depression ( unit 490 ). Some spots contain spicebush and arrowwood, others have young tulip tree saplings, most have just corktree. Lots of false Solomon's seal, Jack-in-the-pulpit, horsebalm, poison ivy and Virginia creeper. Other spp. include: ferns, bittersweet, garlic mustard, Virginia knotweed and American chestnut. Overflowing culvert runs from bridle path through the unit. Two old abandoned autos.

**Unit:** 486  
**Acreage:** 0.74  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	All			Foot traffic	Fire
Deciduous	Red oak	All				
Phanerophytes	Hickory spp.	5-30'&<5'				
Slope	Black birch	5-30'&<5'				
Dry/Moist	Black cherry	5-30'&<5'				
	Flowering dogwood	5-30'&<5'				

**Comments:**

Sloping woodland of large oaks and dense understory of above trees. Also some white oak, American beech, American chestnut, corktree, Sassafras, tulip tree, mapleleaf viburnum, etc. Other plants include: false Solomon's seal, Pennsylvania sedge, stargrass, white wood aster, blue-stemmed goldenrod, Aster, wood rush and cinquefoil.

**Unit:** 487  
**Acreage:** 0.30  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Black birch	5-30'&<5'			Foot traffic	Soil Pits Erosion

**Comments:**

Two nonconnecting section of regenerating black birch, all around 20'. Two large red oaks and few gray birch. MC: Center of unit has a large soil pit ( looks like it used to be a shelter ), some cut trees and scattered trash. Also, a wasps nest in the middle of the pit. Other species: false Solomon's seal, mapleleaf viburnum, wild grape and more.

**Unit:** 488  
**Acreage:** 7.00  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Undulating Dry/Moist	Black oak Red oak White oak Black birch Viburnum, mapleleaf	>30'&5-30' >30'&5-30' >30'&5-30' All 5-30'&<5'			Foot traffic Horses Cruising	Compaction Fire Vagabond

**Comments:**

Closed forest of mostly large oaks and birch with mapleleaf viburnum understory. Some spots with lots of black cherry, hickory spp., and flowering dogwood <30'. Area subject to burns. Many paths (foot and bridle) throughout unit, some clearing where many ( up to 8) paths meet (MC). Other plants include: false Solomon's seal, wild lily-of-the-valley, white wood aster, Pennsylvania sedge, Virginia knotweed, CSG, path rush, American beech, and corktree.

**Unit:** 489  
**Acreage:** 0.86  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Fire
Deciduous	Black oak	>30'			Cruising	Compaction
Chamaephytes	Black birch	>30'				
Undulating	Viburnum maple	<5'				
Dry/Moist						

**Comments:**

Oak-birch forest with charred (MC) understory of mapleleaf viburnum and some phanerophytes. Area is also in midst of the sexual solicitation zone (MC). Many foot paths, some soil compaction. Other plants include: chestnut oak, white oak, flowering dogwood, American beech, corktree, black cherry, false Solomon's seal, white wood aster, wild lily-of-the-valley, Virginia creeper, Virginia knotweed, starry campion, wood rush, Joe-Pye weed, beech fern and others.

**Unit:** 490  
**Acreage:** 0.60  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Tulip tree	>30'		Fence	Foot traffic	Trash
Deciduous						
Geophytes						
Depression						
Moist						

**Comments:**

Moist depression with large tulip trees, and a couple red oaks. Understory very open and ground covered with garlic mustard, Jack-in-the-pulpit, false Solomon's seal, Virginia knotweed, and poison ivy. Some Rubus, spicebush and elderberry. Other plants include: white snakeroot, corktree, enchanter's nightshade, and black cherry.

**Unit:** 491  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black birch	5-30'&<5'				Vagabond
Deciduous	Black oak	All				Fire
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Small patch of 10' black birch, some large black oaks and many other regenerating trees (black cherry, American chestnut, white and red oaks, hickory spp. and flowering dogwood). Ground covered in leaf litter. Other species: false Solomon's seal, white wood aster, mapleleaf viburnum, and tulip tree.

**Unit:** 492  
**Acreage:** 1.63  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'			Foot traffic	Compaction
Deciduous	Black oak	>30'			Cruising	Fire
Phanerophytes	Corktree	5-30'&<5'	Yes		Horses	
Undulating	Flowering dogwood	5-30'&<5'				
Moist	Black birch	>30'				

**Comments:**

Undulating oak-black birch forest with understory of corktree, flowering dogwood, some black cherry, and spicebush. Bridle path runs throughout unit as do many trails (MC). Used for sexual solicitation. Ground covered in false Solomon's seal, and enchanter's nightshade. Other species are red maple, hickory spp., Jack-in-the-pulpit, white snakeroot, pinxter azalea, wild and cultivated lily-of-the-valley, elderberry, poison ivy, and others.

**Unit:** 493  
**Acreage:** 1.89  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black cherry	5-30' & <5'			Foot traffic	Compaction
Deciduous	Black oak	>30' & 5-30'			Cruising	Trash
Phanerophytes	White oak	>30'				
Undulating	Red oak	>30' & 5-30'				
Dry/Moist	Viburnum, mapleleaf	<5'				

**Comments:**

Transition area between unit 488d and surrounding forests. Large black, white and red oaks, smaller black cherry with mapleleaf viburnum and other phanerophytes in the understory. Some flowering dogwood, corktree, black birch, American beech and Sassafras. MC: Concentrated solicitation occurs here, lots of paths and trash. Other plants include false Solomon's seal, Jack-in-the pulpit, wild oats, white wood aster, etc.

**Unit:** 494  
**Acreage:** 0.23  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous	Path rush	<5'			Foot traffic	Compaction
Deciduous					Cruising	
Hemicryptophytes						
Level						
Dry/Moist						

**Comments:**

Clearing in forest of compacted soil. Some path rush, corktree, flowering dogwood and large black birch. Many paths converge here and the soil is very compacted (MC). Other plants: white wood aster, crabgrass, enchanter's nightshade, goldenrod and Virginia knotweed.

**Unit:** 495  
**Acreage:** 0.13  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Black birch	5-30' & <5'			Foot traffic Cruising	Compaction

**Comments:**

Small patch of black birch <30' with Sassafras, flowering dogwood, hickory spp. and corktree <30'. Smaller black cherry and mapleleaf viburnum. MC: Soil compaction due to high amount of foot traffic area receives. Other species: false Solomon's seal, white wood aster, Pennsylvania sedge, bittersweet, Virginia creeper, black and red oaks <30', etc.

**Unit:** 496  
**Acreage:** 0.69  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Chamaephytes Undulating Dry/Moist	Red oak Flowering dogwood	>30' & 5-30' 5'-30'			Foot traffic Dogwood	Compaction Trash

**Comments:**

A narrow strip of red oak forest along Metropolitan Avenue. Flowering dogwood and some black birch near the road. Understory is mostly mapleleaf viburnum and some regenerating black cherry. Might want to watch out for invading corktree. Unit is traversed by an active walking path. Small patch of wild grape near the road. Other species: black oak, corktree saplings, false Solomon's seal, wood anemone, bittersweet, black cherry and more.

**Unit:** 497  
**Acreage:** 0.10  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest Deciduous Phanerophytes Slope Dry/Moist	Black birch	All			Foot traffic	Trash

**Comments:**

An edge unit of black birch with some bittersweet on the trees along the sidewalk. Few Norway maple with regeneration and scattered young black cherry. Other species: CSG along sidewalk, couple of young oaks, mapleleaf viburnum, gray birch and more.

**Unit:** 498  
**Acreage:** 1.32  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Phanerophytes Slope Dry/Moist	Black oak Red oak	>30'&<5' >30'&<5'			Foot traffic Campfire/ party	Fire

**Comments:**

Woodland slope of large red, black, and white oaks and some large tulip trees. Lots of regeneration, especially oaks and hickories. Area influenced by fires (MC?). Other species: Sassafras, black birch, black cherry, corktree, flowering dogwood, American chestnut, spicebush, wild lily-of-the-valley, highbush blueberry, Pennsylvania sedge, mapleleaf viburnum, white wood aster, whorled loosestrife, blue-stemmed goldenrod, etc.

**Unit:** 499  
**Acreage:** 0.29  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Chamaephytes Slope Dry/Moist	Black oak	All		Landfill	Foot traffic Horses	Trash Dumping

**Comments:**

Corner between East Main Drive and railroad tracks. Black oak woodland with understory of spicebush and arrowwood. Edge somewhat viney with bittersweet. Lots of poison ivy throughout. Other plants include: white oak, black cherry, hickory spp., flowering dogwood, red oak, mulberry, Norway maple, mugwort, black walnut, false Solomon's seal, white wood aster, and Jack-in-the-pulpit.

**Unit:** 500  
**Acreage:** 0.89  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland Deciduous Hemicryptophytes Undulating Dry/Moist	Black oak Black birch	>30'&<5' >30'&<5'		Landfill	Foot traffic Horses	Erosion Compaction

**Comments:**

Open area (bridle path) of large oaks and black birch. Soil disturbed, probably landfill. Ground covered with garlic mustard, mugwort, white snakeroot, false Solomon's seal, enchanter's nightshade, Norway maple, Ailanthus and corktree <30'. Other plants include: Virginia knotweed, elderberry, rose, wineberry, burdock, silky dogwood and white wood aster.

**Unit:** 501  
**Acreage:** 0.56  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	All			Foot traffic	
Deciduous	Flowering dogwood	5-30' & <5'				
Phanerophytes	Red oak	All				
Slope						
Dry/Moist						

**Comments:**

Wooded slope of large oaks and tulip tree with black birch, black cherry, and lots of flowering dogwood. Three large snags near road (MC?). Other species: white oak, hickory spp., mapleleaf viburnum, Sassafras, white wood aster, poison ivy, true Solomon's seal, spotted wintergreen, blackhaw, Pennsylvania sedge, etc.

**Unit:** 502  
**Acreage:** 0.20  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Ailanthus	5-30' & <5'	Yes			Trash
Deciduous	Corktree	5-30' & <5'	Yes			
Phanerophytes						
Slope						
Dry/Moist						

**Comments:**

Small open area with Ailanthus, corktree, and bittersweet. Ground covered with false Solomon's seal, lots of garlic mustard, and mugwort at top of slope. Other plants include: tulip tree, Virginia knotweed, hickory spp., Jack-in-the-pulpit, white wood aster and mock orange.

**Unit:** 503  
**Acreage:** 0.14  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Red oak	>30'&5-30'			Foot traffic	Trash
Deciduous	Sassafras	5-30'&<5'				Vagabond
Phanerophytes	Flowering dogwood	5'-30'&<5'				
Slope						
Dry/Moist						

**Comments:**

Small area of open forest with high concentration of medium-sized Sassafras and flowering dogwood. Other trees are black cherry, hickory spp., white oak, black oak, corktree, Ailanthus, and black birch. Ground covered in false Solomon's seal. Other plants: bittersweet, wild grape, mapleleaf viburnum, poison ivy, white wood aster and Jack-in-the-pulpit.

**Unit:** 504  
**Acreage:** 0.72  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	>30'&5-30'				Vandalism
Deciduous	Corktree	5'-30'&<5'	Yes			Dumping
Phanerophytes						
Slope						
Moist						

**Comments:**

Slope leading into a depression. Large tulip trees, black and red oaks and black birch make up canopy. Understory mostly corktree sapling and spicebush. At bottom of hollow is spot where car partially dragged-out and burned. Other species: false Solomon's seal, Jack-in-the-pulpit, Norway maple, hickory spp., and European cranberry bush.

**Unit:** 505  
**Acreage:** 2.77  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Black oak	>30'			Foot traffic	Compaction
Deciduous	Red oak	>30'			Cruising	Trash
Chamaephytes	Spicebush	5'-30'&<5'				Cruising
Undulating						
Moist						

**Comments:**

Closed oak forest with tulip tree, black cherry, flowering dogwood, hickory spp., corktree, and others. Understory mainly spicebush. MC: Many paths lead through this area used for sexual solicitation, soil compaction, trash. Other plants: black birch, white oak, Jack-in-the-pulpit, false Solomon's seal, Virginia knotweed, poison ivy, Virginia creeper, wild geranium, wild oats, mapleleaf viburnum, enchanter's nightshade, black walnut, Norway maple, etc. Edge near East Main Drive somewhat viney.

**Unit:** 506  
**Acreage:** 0.84  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Pin oak	>30'&5-30'				Trash
Deciduous						
Chamaephytes						
Depression						
Moist						

**Comments:**

Appears to be a seasonally wet woodland of pin oak with a few tulip trees and hickory spp. Understory has some scattered spicebush mixed with some young black tupelo. Ground is predominately bare. Lots of bird, squirrel and chipmunk activity. Other species: Jack-in-the-pulpit, few young tulip tree, fringed loosestrife and more. Some corktree invading edges.

**Unit:** 507  
**Acreage:** 0.21  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	Tulip tree	>30'			Foot traffic	Trash
Deciduous	Red oak	>30'				
Chamaephytes						
Depression						
Dry/Moist						

**Comments:**

A small forest depression near East Main Drive and Metropolitan Avenue. Tall tulip trees and red oaks dominate with a sparse understory of spicebush and some forbs. An active walking path traverses the unit. Other species: 1 black walnut, few young black cherry, Jack-in-the-pulpit, poison ivy, and more.

**Unit:** 508  
**Acreage:** 0.76  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Woodland	Black oak	>30'			Foot traffic	Trash
Deciduous	Sassafras	5-30'&<5'				
Phanerophytes	Black birch	5'-30'&<5'				
Undulating	Flowering dogwood	5'-30'&<5'				
Dry/Moist						

**Comments:**

Woodland of large black oaks with thicket-like understory of regenerating trees: Sassafras, black birch, and flowering dogwood. More black birch in southern area. Lots of wildlife. Other plants are: mapleleaf viburnum, white wood aster, Virginia knotweed, false Solomon's seal, black cherry, corktree and wild grape.

**Unit:** 509  
**Acreage:** 0.13  
**Mgmt. Concern:** No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Vineland Deciduous Lianas Slope Dry/Moist	Bittersweet	5'-30' & <5'	Yes		Foot traffic	

**Comments:**

Small bittersweet vineland on the edge of East Main Drive. Lianas covering ground, shrubs and some saplings. Other species: wild grape, black oak, black birch, poison ivy, Virginia creeper, white wood aster, Aster, false Solomon's seal, Joe-Pye weed, Virginia knotweed, Pennsylvania sedge, corktree, spicebush, black walnut, mapleleaf viburnum, etc.

**Unit:** 510  
**Acreage:** 0.07  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Herbaceous  Hemicryptophytes Knoll Dry/Moist	Path rush	<5'			Foot traffic Picnic	Vandalism Compaction Trash

**Comments:**

Knoll covered with path rush, CSG or bare soil. Around forested edge are white wood aster, Virginia knotweed, and poison ivy, MC: Soil compaction and tree hacking, some trash. Other plants include: wood rush, false Solomon's seal and Rubus.

**Unit:** 511  
**Acreage:** 3.93  
**Mgmt. Concern:** Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbances</u>
Closed Forest	White oak	>30'			Horses	Compaction
Deciduous	Black oak	>30'			Foot traffic	Erosion
Hemicryptophytes	Red oak	>30'			Vehicle access	Dumping
Undulating	Silver maple	>30'&5-30'				
Dry						

**Comments:**

Bridle trail between the Interborough Parkway and Union Turnpike. A section of the trail is partially paved. Trail widens to greater than 100' in some spots, creating vast areas of compaction and mud holes. It is a management concern. There is roadside dumping and root damage to trees. Some forbs around trees: white wood aster, polygonum sp., also a couple of black cherry and red maple.

## **APPENDIX: Glossary**

Many of these definitions are adapted from Marge Garguillo's unpublished *Plants of New York City Natural Areas: An ecological manual* (2005).

**Chamaephyte:** Mature branch or shoot system remaining perennially less than or equal to 100in above ground. Buds are produced on aerial branches close to the soil. (e.g. shrubs)

**Closed forest:** An area formed by trees at least 15 feet tall with interlocking crowns and at least 80% canopy closure.

**Competition:** The ability of one plant to overwhelm another plant by shading it out or otherwise overwhelming it.

**Deciduous:** Majority of trees shed their foliage in the autumn months.

**Depression:** A hollow, or low point, as compared to the surrounding topography. May or may not contain water.

**Dominant:** The most abundant plants in a particular plant community. A **codominant** plant is about equally as abundant as the dominant species.

**Exotic:** A species that does not naturally inhabit a specific area. An exotic plant may or may not be invasive where it is introduced.

**Exotic planting:** A gardened area where non-native species (e.g. privet, periwinkle) are tended.

**Full-crown tree:** Initially open-grown and free of competition: currently very large with a dominating crown.

**Geophyte:** Plants with buds or shoots surviving below the ground (rhizomes, bulbs, stem tubers, root tubers.)

**Graminoid:** Grasses and grass-like plants.

**Hedgerow:** Evidence of trees or shrubs planted in line i.e., maple or privet along road or path.

**Hemicryptophyte:** Shoots die back to ground level.

**Herb:** Plants without woody tissues that die back to the ground in the winter. This classification is usually applied to broad-leaved plants rather than grasses, but includes grasses for the purpose of entitation.

**Herbaceous community:** An area where grasses, grasslike plants, and herbaceous plants are predominant. Woody plants may be sparingly present, but cover less than 30% of area.

**Intertidal Communities:** Substrate is exposed and flooded by tides, includes the associated splash zone.

**Invasive plant:** A plant species that grows and reproduces without constraint, crowding

or shading out other plants. The term is usually applied to plants that are not native to the given region. Invasiveness in a plant that is native to the region is rare and probably caused by unusual circumstances.

**Knoll:** A small isolated hillock.

**Landfill:** Topography altered by previous filling or dumping; i.e., while building a road or altering a wetland area. Look for rubble on the soil surface or sudden changes in grade.

**Lianas:** Vascular plants needing support, rooting in the ground permanently (vines).

**Native plant:** Plants that were growing in this region before Europeans came to North America. Native plants are adapted to the climate and soils of their region. They have relationships with birds, mammals, insects, and fungi and are integrated into the ecology of the region. New York City's native plants come from seed that spread northward after the last glaciers melted thousands of years ago.

**Ornamental:** Plants used as horticultural specimens in gardens or developed parks, not intended to reproduce or be part of a natural plant community. Very often they are non-native plants.

**Phanerophyte:** Plants that grow taller than 100 in. or whose shoots do not die back periodically to that height (e.g., trees).

**Scrub:** A shrubland or thicket, mainly composed of woody plants 1.5 to 15 feet tall.

**Slope:** Ground that forms a natural or artificial incline.

**Soil compaction:** Increasing soil density and decreasing porosity due to application of mechanical forces to the soil: i.e. due to vehicle, horse, or foot traffic.

**Species:** A group of organisms that can interbreed to produce fertile young.

**Understory:** Habitat below the tree canopy of a forest. The understory is a plant community of tree saplings, shrubs, herbs, graminoids, and mosses that can live in shade or part shade.

**Undulating:** The area has a wavy surface. Its neither a slope, a level area, or a depression, but rather a combination of all three.

**Vineland:** An area formed by at least 30% vines. Vines may be supported by vegetation, artificial means or ground surface. Often occurs on the forest or shrub border.

**Woodland:** An area formed by trees at least 15 feet tall, with most of their crowns not touching each other, but at least 30% canopy closure.