

Natural Area Mapping and Inventory of Soundview Park August 2006 Survey



Prepared by the Natural Resources Group
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Soundview Park Natural Area Mapping & Inventory

174 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 Soundview Park was conducted as part of NRG's commitment to improving the natural areas of New York City parks.

Soundview Park is located on the Soundview peninsula where the Bronx River opens up to the East River. During the 1890's the southern 1/3 of the park was open water while the majority of the rest of the park was tidal marsh with a few streams running through it. Beginning in the 1920's, and ending in the 1960's, the tidal marsh and parts of the open water were filled with sanitary landfill.

In 1937 the city of New York acquired the original 93 acres of tidal marshland that would become Soundview Park. In 1940 an additional 63 acres of park were acquired by condemnation. In 1953, 1967, and 2002 subsequent additions were made to the park. During the 1950's New York State Parks Commissioner Robert Moses created the lagoons. The lagoons are bordered by rip rap berms that are dominated by desirable salt marsh vegetation such as marsh elder, switchgrass, smooth cordgrass, spike grass, as well as invasive *Phragmites*. Efforts have been made by local community groups to restore the smooth cordgrass at the north east end of the lagoon.

During the Pelham Lagoon Salt Marsh Restoration in 2000, excavated fill from Orchard Beach was transported to Soundview Park. The fill was placed in the pattern of a circular berm on the south side of the park. The berm is predominantly covered with mugwort, sweet clover, goldenrod, and *Phragmites*. A natural gas pipeline owned by Con Edison runs underground from the shoreline to Rosedale Avenue and Bronx River Avenue. Marker posts line pathways that connect the bike lane to the basketball courts and the berm.

The developed portion of the park includes several ballfields, a running track, soccer court and basketball court. One mile of Greenway, which was completed in 2000 runs along the south side of the park and into the developed areas of the park. There are two locations along the Greenway that are equipped with benches overlooking the Bronx River. The Soundview Park Composting Site is within the park's boundaries and is located near the Randall Avenue entrance. The composting site is run by the Department of Sanitation and only accepts leaves and small brush. In exchange for the use of this land the facility will provide enough compost to remediate a minimum of 12 acres of parkland.

To facilitate the protection, management and restoration of Soundview 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 Soundview 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.

Entitiation

Entitiation 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 entitiation widely and successfully to facilitate acquisition and restoration decisions. Put simply, entitiation is a process of breaking up a park into manageable parts called “entities” or “entitiation units.” Entitiation 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. In Soundview Park, workers identified 210 vegetation units. Of approximately 174 park acres entitiated, 73 were classified as forest or woodland, 28 as scrub, 84 as herbaceous community, 3 as vineland, 16 as intertidal, and 6 as scarcely vegetated.



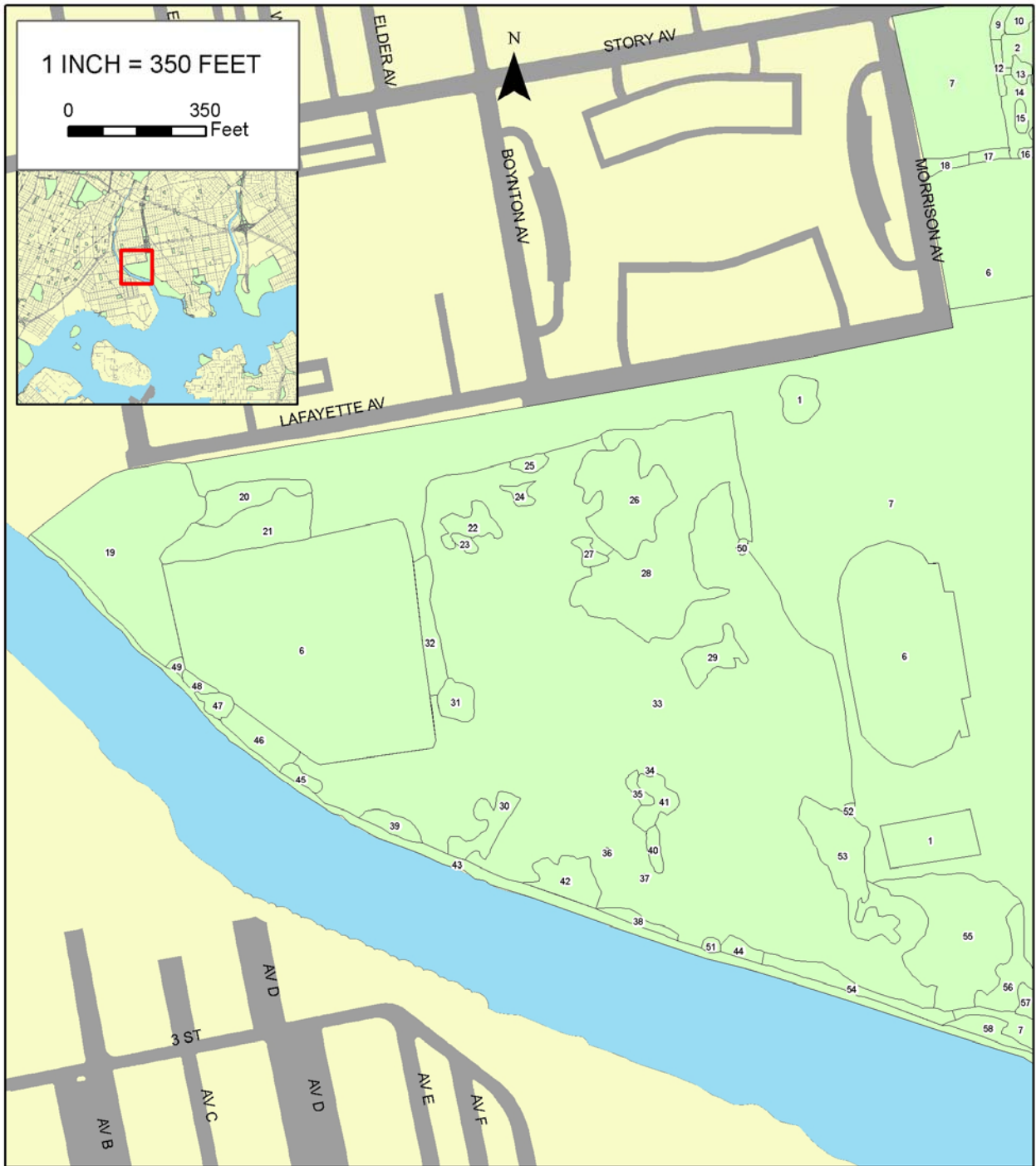
**City of New York
Parks & Recreation
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www.nyc.gov/parks

05/11/07

2007.05.11.1



**ENTITAMENT UNITS - DECEMBER 2006
SOUNDVIEW PARK
BRONX COUNTY, CITY OF NEW YORK**

05/11/07



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2007.05.11.2



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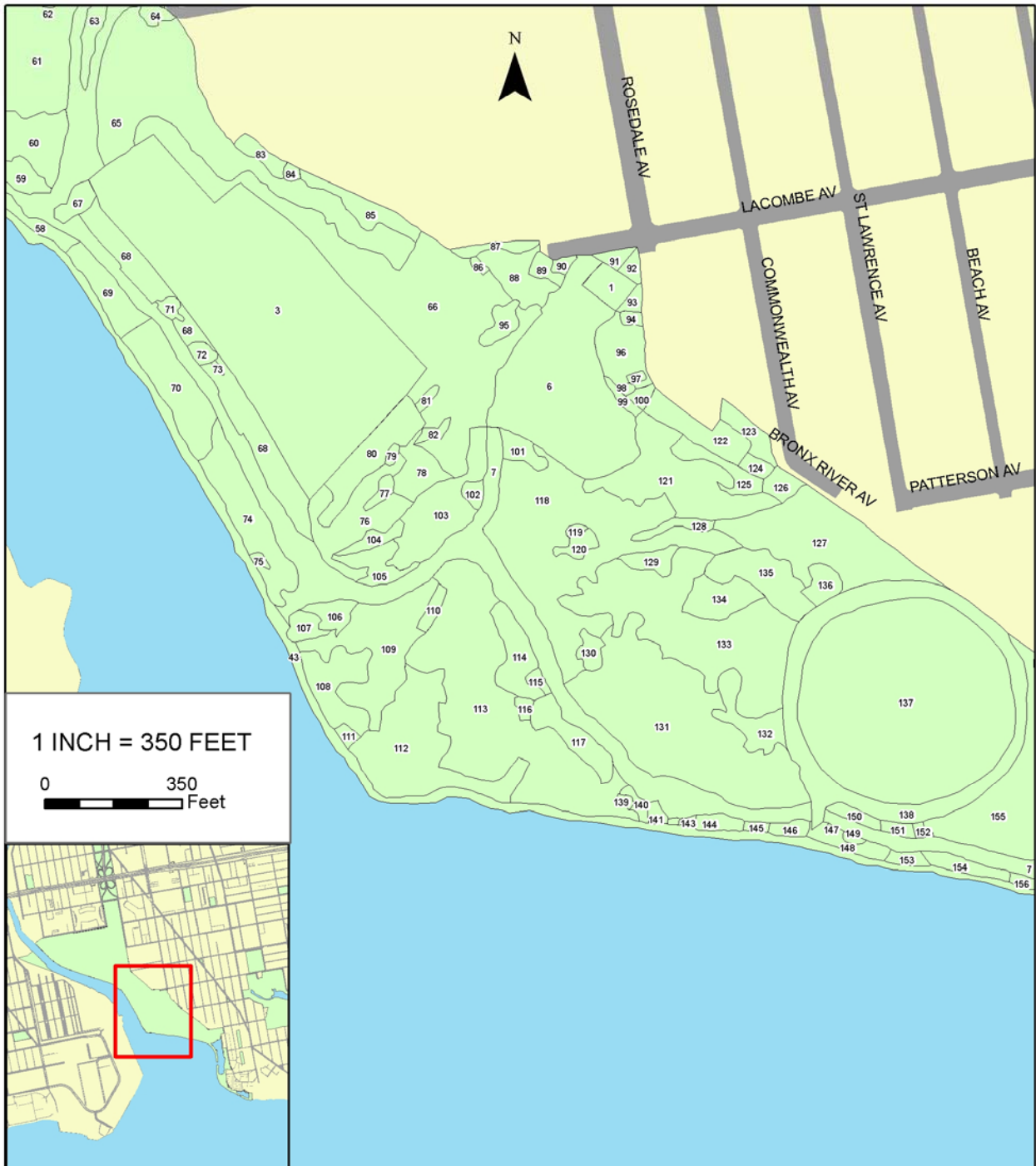


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1 INCH = 350 FEET



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2007.05.11.5

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 1
Acreage: 3.432
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scarcely vegetated				Landfill	Sports	

Level
 Dry

Comments:

This unit includes all paved recreational areas throughout the park, including basketball courts, playgrounds and a soccer court. The following species occur in some of these units: willow oaks and pin oaks in planter boxes, CSG, path rush, and mugwort. MC: There is standing water in the soccer court, which may attract mosquitoes.

Unit: 2
Acreage: 1.37
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scarcely Vegetated				Parking lot		

Deciduous
 Hemicryptophytes
 Level
 Dry

Comments:

This unit is a gravel filled lot with scattered plants growing up through it. The area may have been a parking lot in the past. This unit is bordered by areas of denser vegetation and Metcalfe Avenue. The species present in this unit include: Ailanthus, cottonwood, mugwort, bindweed, goldenrod, path rush, sweet white clover, and rough-fruited cinquefoil.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 3
Acreage: 7.336
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scarcely vegetated	Mugwort	<5'	yes	Other	Composting area	

Level
 Dry

Comments:

Soundview Park Composting Site. Fenced in composting area located on top of a steep hill with some mugwort growing along fence.

Unit: 4
Acreage: 0.294
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scarcely vegetated Deciduous	Planetree, London Oak, willow	5'-30' 5'-30'	yes no		Foot traffic	

Level
 Dry/Moist

Comments:

This unit is a paved area with street trees and a planter strip that contains ornamentals. Benches are located within the unit. Other species present include: redbud, witchhazel, pin oak, yew, Ailanthus, little leaf linden, lamb's quarters and dandelion.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 5
Acreage: 0.03
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Slope Dry/Moist				Landfill	Garden	

Comments:

This unit is a planted bed, presumably made by neighboring homeowner. Statues and ornamental plantings are located within the unit. A bed of cedar chips has been laid down. The unit is bordered by large rocks and is located on Leland Avenue near the O'Brien Street entrance of the park. Species present include: Rhododendron, garlic mustard, and English holly. MC: possible encroachment.

Unit: 6
Acreage: 17.053
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Cool season grass	<5'	yes	Landfill	Sports	Trash

Comments:

This unit consists of all the managed sports fields throughout the park, including baseball fields and running track. This includes both infields and outfields. A manhole and a fire hydrant are located in the NE baseball field. A blue metal arch, a manhole, a hedgerow of sugar maples, and two weeping willows are located in the SE baseball field. Other species present in the NW baseball field include: white mulberry, Ailanthus, hackberry, black cherry, cottonwood, London planetree, poison ivy, mugwort, porcelain-berry, and path rush.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 7
Acreage: 39.083
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Cool season grass	<5'	yes	Landfill	Campfire/ party	Trash
Deciduous	Cottonwood, Eastern	>30' & 5-30'	no		Picnic	Dirt bike
Hemicryptophytes	Zelkova, Japanese	5'-30'	yes		Foot traffic	
Level	Norway maple	5'-30'	yes			
Dry/Moist	Locust, honey	5'-30'	yes			

Comments:

Managed Lawns. This unit consists of all managed lawns including the bike trail and its surrounding lawn. The following species occur in some of these units: cottonwood, honey locust, red bud, Juniper, crab apple, Ailanthus, red maple, Ginkgo, Zelkova, Chinese scholar tree, Norway maple, amur maple, red pine, crack willow, goldenrain tree, American elm, rose, and mugwort. MC: excessive trash, no trash cans along the bike trail, motorized bikes entering park, invasives.

Unit: 8
Acreage: 0.539
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Willow Oak	5'-30'	no	Hedgerow	Foot traffic	Trash
Deciduous	Cedar, Atlantic whit	5'-30'				
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is a hedgerow of willow oak and Atlantic white cedar that is bordered by a parking lot. Other species present include: white mulberry, Ailanthus, dock, mugwort, smartweed, privet, and lamb's quarters. Mulch is under half of the unit and CSG is under the other half.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 9
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>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes			

Comments:

This unit is predominantly mugwort. It is bordered by the old parking lot and a managed lawn. Other species present include: white mulberry, Queen Anne's lace, bindweed, poor man's pepper, and English rye.

Unit: 10
Acreage: 0.107
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Level Dry/Moist	Cherry, black Mulberry, white Mugwort Locust, black	5'-30' <5' & 5-30' <5' <5' & 5-30'	no yes yes yes	Parking Lot		

Comments:

Unit is a closed forest dominated by black cherry and white mulberry with black locust also being common but not the most dominant species. This differs from nearby unit 20 where black locust is the most dominant species. The understory is dominated by mugwort. It is located on the North side of an old parking lot. Other species present include: honey locust, bittersweet nightshade, chive, white snakeroot, pokeweed, multiflora rose, evening lychnis, and dogbane. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 11
Acreage: 0.076
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Planetree, London	5'-30'	yes	Parking lot		Dumping
Deciduous	Locust, black	<5' & 5-30'	yes			Trash
Hemicryptophytes	Mulberry, white	<5' & 5-30'	yes			
Depression	Mugwort	<5'	yes			
Dry/Moist	Cherry, black	<5' & 5-30'	no			

Comments:

Unit is a closed forest located on the East side of an old parking lot. Other species present include: Ailanthus, hackberry, Norway maple, cottonwood, bittersweet nightshade, pokeweed, and St. John's wort. MC: dumping and trash.

Unit: 12
Acreage: 0.078
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	<5' & 5-30'	yes	Parking Lot		
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes						
Knoll						
Dry/Moist						

Comments:

Unit is a strip of black locust with a mugwort understory. It is located in the old parking lot. Other species present include Ailanthus and white mulberry. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 13
Acreage: 0.059
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	<5' & 5-30'	yes		Parking Lot	
Deciduous	Mulberry, white	<5' & 5-30'	yes			Trash
Phanerophytes	Mugwort	<5' & 5-30'	yes			
Depression	Cherry, black	<5' & 5-30'	no			
Dry/Moist						

Comments:

Unit is a closed forest dominated by black locust and white mulberry with black cherry also being common. The understory is dominated by mugwort. It is located inside an old parking lot and bordered on one side by a field of mugwort. Other species present include: Ailanthus, staghorn sumac, and Queen Anne's lace. MC: trash and invasives

Unit: 14
Acreage: 0.251
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes			
Deciduous						
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is predominantly mugwort. It is bordered by the old parking lot and a managed lawn. Other species present include: white mulberry, Queen Anne's lace, bindweed, poor man's pepper, and English rye.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 15
Acreage: 0.054
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	5'-30'	yes	Parking Lot	Vagabond	Trash
Deciduous	Ailanthus	<5' & 5-30'	yes			
Hemicryptophytes	Mulberry, white	<5' & 5-30'	yes			
Depression	Mugwort	<5' & 5-30'	yes			
Dry/Moist	Mustard, garlic	<5'	yes			
	Cherry, black	<5' & 5-30'	no			

Comments:

Unit is a closed forest dominated by black locust, Ailanthus, and white mulberry with black cherry also being common. The understory is dominated by mugwort and garlic mustard. The unit is located within an old parking lot. A depression in the center of this unit is ringed by mugwort and opens up to garlic mustard and CSG. Other species present include: white snakeroot and smooth sumac. MC: vagabond and trash.

Unit: 16
Acreage: 0.152
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Ailanthus	<5' & 5-30'	yes		Foot traffic	Trash
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

Unit is a strip of Ailanthus and mugwort located between a baseball field and an old parking lot. On one side of the unit there are a few Ailanthus that are 5-30'. MC: trash and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 17
Acreage: 0.068
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		Trash
Deciduous	Mugwort	<5' & 5-30'	yes			
Chamaephytes						
Level						
Dry/Moist						

Comments:

This unit is a strip of smooth sumac and mugwort located between the NE baseball field and a managed lawn. Other species present include: sweet clover.

Unit: 18
Acreage: 0.083
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill		
Deciduous						
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

Unit is a herbaceous community dominated by mugwort and located between the NE baseball field and a managed lawn. Other species present include: white mulberry, Ginkgo, Ailanthus, evening lychnis, sweet clover, Queen Anne's lace, wild garlic, foxtail, milkweed, chicory, bitterweed, red clover, and thistle.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 19
Acreage: 2.672
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		Dumping Trash

Comments:

This unit is herbaceous and dominated by mugwort. Other species present include: Ailanthus, cottonwood, willow spp., Norway maple, Sumac spp., black locust, black cherry, hackberry, white mulberry, Virginia creeper, goldenrod, milkweed, purple loosestrife, bedstraw, and pokeweed. MC: Trash and dumping. A large metal object, possibly a roof, is located within the unit. 12/20 A area approximately 3' wide bordering the SW side of the baseball field has been cleared.

Unit: 20
Acreage: 0.385
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Mugwort	5'-30' <5'	no yes	Landfill	Foot traffic Campfire/ party	Dumping Trash

Comments:

This unit is a cottonwood closed forests with a mugwort understory. This unit surrounds another unit of cottonwood with a black cherry understory. Other species present include: black cherry, Chinese scholar tree, dock, chicory, bitter-weed, grass spp., and white snakeroot. MC: dumping and trash.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 21
Acreage: 0.837
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	5'-30'	no	Landfill	Foot traffic	Dumping
Deciduous	Cherry, black	<5' & 5-30'	no		Campfire/ party	Trash
Phanerophytes Level Dry/Moist	Mulberry, white	5'-30'	yes		Vagabond	

Comments:

This unit contains a cottonwood overstory with a black cherry understory. It is located next to the NW baseball field. Other species present include: London planetree, mugwort, poison ivy, pokeweed, and bittersweet nightshade. MC: vagabond, dumping, trash, and invasives. 12/20/2006: A 3' wide area has been cleared outside the fence that surround the neighboring baseball field. Part of unit 21 is within this area.

Unit: 22
Acreage: 0.212
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill	Foot traffic	Dumping
Deciduous	Mugwort	<5' & 5-30'	yes		Campfire/ party	Trash
Phanerophytes Level Dry/Moist						

Comments:

This unit is a cottonwood, closed forest with a mugwort understory. It is located in the NW corner of herbaceous unit 33 and is partially bordered by Phragmites unit 23.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 23
Acreage: 0.048
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites	5'-30'	yes	Landfill		Trash

Comments:
 This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Unit: 24
Acreage: 0.065
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites Mugwort	<5' & 5-30' <5'	yes yes	Landfill		

Comments:
 This unit is dominated by Phragmites and mugwort. It is located within unit 33. MC: Phragmites

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 25
Acreage: 0.073
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill		
Deciduous	Mulberry, white	<5' & 5-30'	yes			
Hemicryptophytes	Mugwort	<5'	yes			
Level						
Dry/Moist						

Comments:

This unit is a cottonwood/mulberry forest. It is located along the dirt road that leads from the playground area to the NW baseball field. Other species present include: cherry, autumn olive, Queen Anne's lace, Phragmites, and goldenrod. MC: invasives

Unit: 26
Acreage: 1.05
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Mulberry, white	5'-30'	yes	Landfill	Foot traffic	Dumping
Deciduous	Mustard, garlic	<5'	yes		Vagabond	
Geophytes	Snakeroot, white	<5'	no			
Level	Mugwort	<5'	yes			
Dry/Moist						

Comments:

This unit is a large stand of white mulberry with a few black cherries, and an understory consisting of patches of garlic mustard, white snakeroot, and mugwort. Trails run through the area. The unit is located on the NW side of the park . A well worn foot path that leads into the unit is marked by a sugar maple. Other species present include: Ailanthus. MC: invasives, vagabond and dumping.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 27
Acreage: 0.083
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites	5'-30'	yes	Landfill		

Comments:

This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Unit: 28
Acreage: 2.779
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Mugwort Sumac, smooth	5'-30' <5' <5'	no yes no	Landfill	Foot traffic Campfire/ party Vagabond	

Comments:

This unit is a woodland dominated by cottonwood, mugwort, and smooth sumac. This unit is bordered by a managed lawn on the NW side of the park. Other species present include: crab apple, black locust, mimosa, Ailanthus, white mulberry, and sweet clover. MC: Vagabond, and partying.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 29
Acreage: 0.274
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Mugwort Ailanthus	>30' & 5-30' <5' <5' & 5-30'	no yes yes	Landfill	Campfire/ party	Dumping Soil compaction

Comments:

Unit is a cottonwood/ Ailanthus woodland with a mugwort understory. Compacted soil is located in the center of the unit. Cement blocks are present. It is located within a field west of the main large managed lawn. Other species present include: dogwood, white mulberry, sumac and bittersweet nightshade. When approaching the unit we spotted two birds of prey leaving the unit. MC: dumping and invasives.

Unit: 30
Acreage: 0.293
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Locust, black Mugwort	>30' 5'-30' <5' & 5-30'	no yes yes	Landfill		Trash

Comments:

This unit is a cottonwood / black locust closed forest with a mugwort understory. It is located between the shore and a dirt road that leads from the bike path to the NW baseball field. Other species present include: Ailanthus, white snakeroot, goldenrod, Japanese knotweed, and dock. MC: trash and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 31
Acreage: 0.186
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Chamaephytes Level Dry/Moist	Sumac, staghorn	<5' & 5-30'	no	Landfill		Dumping Trash

Comments:

Unit consists of a large stand of staghorn sumac with a staghorn sumac / mugwort understory. There are large gaps in the understory, which are rocky and littered with trash. Other species present include: cherry saplings, cottonwood, pokeweed, aster, and bittersweet nightshade. This unit is located near the NW baseball field at the end of a dirt road leading to the NW baseball field from the bike path. MC: dumping and trash.

Unit: 32
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>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Level Dry/Moist	Planetree, London Cottonwood, Eastern Cherry, black Mugwort Ivy, poison	>30' >30' <5' & 5-30' <5' <5'	yes no no yes no	Landfill Hedgerow	Foot traffic	Trash

Comments:

Unit is a hedgerow of London planetree that runs along the outside of the NW baseball field fence. Other species present include: white mulberry and pokeweed.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 33
Acreage: 22.527
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill	Foot traffic	Dumping
Deciduous	Goldenrod	<5'	no			Trash
Hemicryptophytes	Cottonwood, Eastern	>30' & 5-30'	no			
Level						
Dry/Moist						

Comments:

Unit is a large field of mugwort with scattered trees and patches of sumac spp. The existence of lower patches of mugwort suggests mowing. Other species present include: Japanese knotweed, sweet clover, black locust, white mulberry, daisy fleabane, Phragmites, mullein, grass spp., sweet clover, path rush, milkweed and crown vetch. Patches of asphalt and rolled up fencing are present. A trail that leads from the bike path to a ballfield runs through part of the unit. Unit is partially bordered by NW baseball diamond. MC: dumping, trash, and invasives. Large fallen cottonwood October 2006.

Unit: 34
Acreage: 0.039
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		
Deciduous						
Geophytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by Japanese knotweed.. MC: Japanese knotweed is an invasive species.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 35
Acreage: 0.062
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Undulating Dry	Sumac, smooth	<5' & 5-30'	no	Landfill	Vagabond	Trash Dumping

Comments:

This unit is dominated by a closed canopy of smooth sumac in a rocky area. It is located next to black cherry forest unit 41. The understory is mainly mugwort and scattered poison ivy. A few tires lay in the area. A footpath connects this unit with a dirt path that runs from the NW best baseball field to the bike path. Other spp. present include: pokeweed, and bittersweet nightshade.

Unit: 36
Acreage: 0.009
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 37
Acreage: 0.008
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Unit: 38
Acreage: 0.107
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 39
Acreage: 0.15
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Level Dry/Moist	Sumac, smooth Goldenrod	<5' & 5-30' <5'	no no	Landfill	Foot traffic	

Comments:

Unit is a closed canopy of smooth sumac opening up to a field of goldenrod with smooth sumacs. The understory of the closed canopy includes goldenrod, white snakeroot, dock, daisy fleabane, black cherry, Japanese knotweed, bittersweet nightshade, milkweed, and ash. Unit is located along the shore and near the NW baseball diamond. MC: invasives

Unit: 40
Acreage: 0.082
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Undulating Dry/Moist	Sumac, smooth	<5' & 5-30'	no	Landfill	Vagabond	Trash

Comments:

This unit is a rocky area with a closed canopy of smooth sumac. It is located SE of black cherry forest unit 41, and a large field. Other species present include: mulberry saplings. There is some trash in this area.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 41
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>Disturbance</u>
Closed Forest	Cherry, black	<5' & 5-30'	no	Landfill	Vagabond	Trash
Deciduous	Mulberry, white	5'-30'	yes			
Phanerophytes	Birch, black	5'-30'	no			
Undulating						
Dry/Moist						

Comments:

This unit is a black cherry, white mulberry, black birch closed forest with large rocks and compacted soil. Other species present include: chestnut oak, mugwort, Virginia creeper, poison ivy, and bittersweet nightshade. A homeless camp is present. Unit can be accessed by a foot path off of the dirt road that leads from the bike path to the NW baseball field. MC: vagabond and trash.

Unit: 42
Acreage: 0.357
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	5'-30'	yes	Landfill	Foot traffic	Dumping
Deciduous	Cottonwood, Eastern	all	no		Vagabond	Trash
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Level	Knotweed, Japanese	<5'	yes			
Dry/Moist						

Comments:

This unit is a black locust/ mugwort closed forest with a mugwort and Japanese knotweed understory. It is located between the shore line and a dirt road that leads to the NW baseball field. Other species present include white mulberry, dock, and mullein. MC: dumping trash, and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 43
Acreage: 5.319
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scarcely Vegetated				Landfill		
Slope						
Dry						

Comments:

These units are the scarcely vegetated rocky slopes that form the shoreline.

Unit: 44
Acreage: 0.099
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	5'-30'	yes	Landfill	Foot traffic	Trash
Deciduous	Ailanthus	5'-30'	yes			
Hemicryptophytes	Mugwort	<5'	yes			
Slope	Knotweed, Japanese	<5'	yes			
Dry/Moist						

Comments:

This unit is a closed forest of black locust and Ailanthus located on a rocky substrate between the shore and the dirt road that leads from the bike path to the NW baseball field. MC: dumping.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 45
Acreage: 0.085
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	5'-30'	no	Landfill		
Deciduous	Knotweed, Japanese	<5' & 5-30'	yes			
Chamaephytes	Mugwort	<5'	yes			
Slope						
Dry/Moist						

Comments:

Unit is near NW baseball diamond. Mugwort and Japanese knotweed reach crown of smooth sumac. Other species present include dock. MC: Japanese knotweed

Unit: 46
Acreage: 0.313
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		
Deciduous	Dock spp.	<5'	no			
Chamaephytes	Mugwort	<5'	yes			
Level						
Dry/Moist						

Comments:

Unit is a scrub of smooth sumac with dock and mugwort. It is located near the NW baseball diamond by the rocky shore. 12/20/06: A path approximately 3' wide was cleared along the outside of the adjacent baseball field's fence.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 47
Acreage: 0.1
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	5'-30'	no	Landfill	Vagabond	Trash
Deciduous	Locust, honey	<5' & 5-30'	yes		drinking	
Hemicryptophytes	Mugwort	<5' & 5-30'	yes		Foot traffic	
Slope	Cherry, black	<5' & 5-30'	no			
Dry/Moist						

Comments:

This unit is a closed forest dominated by cottonwood and honey locust with black cherry also being common. The understory is dominated by mugwort. Unit is located next to the NW baseball field and the shore. A hole in the fence leads to the unit. Other species present include: white mulberry, pin oak, poison ivy, milkweed, and dock. A lean to was put up in October 2006. MC: trash, invasives, and vagabond. 12/20 The understory of this unit has been cleared and several limbs have been cut off trees within the unit.

Unit: 48
Acreage: 0.061
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		Trash
Deciduous						
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

This unit is herbaceous and dominated by mugwort. It is located between the NW baseball field fence and the rocky shore. Other species present include : Ailanthus, Hackberry, and Golden raintree.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 49
Acreage: 0.033
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill	Foot traffic	Trash
Deciduous	Sumac, staghorn	<5' & 5-30'	no			
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Slope	Knotweed, Japanese	<5'	yes			
Dry/Moist						

Comments:

This unit is dominated by smooth sumac, staghorn sumac and mugwort. It is located between the NW baseball field and the shore. Other species present include: Chinese scholar tree, bittersweet nightshade, white mulberry, black locust, black cherry, Ailanthus, dock, dogbane, crown vetch, sweet clover, Queen Anne's lace, and path rush. MC: invasives 12/20/2006: A 3' wide area has been cleared along the fence of the neighboring baseball field. Part of unit 49 is within the area.

Unit: 50
Acreage: 0.021
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		
Deciduous						
Geophytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 51
Acreage: 0.036
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Unit: 52
Acreage: 0.018
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 53
Acreage: 0.811
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Mugwort	all <5' & 5-30'	no	Landfill	Foot traffic	

Comments:

This unit is a cottonwood closed forest with a mugwort understory. It is located near the soccer court. Grown over foot paths run through the unit. Other species present include: black locust.

Unit: 54
Acreage: 0.364
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Hemicryptophytes Slope Dry/Moist	Sumac, smooth Sumac, staghorn Mugwort Knotweed, Japanese	<5' & 5-30' <5' & 5-30' <5' & 5-30' <5'	no no yes yes	Landfill	Foot traffic	Trash

Comments:

This unit is dominated by smooth sumac, staghorn sumac and mugwort. This unit is located along the dirt road to the NW baseball field. Other species present include: Chinese scholar tree, bittersweet nightshade, white mulberry, black locust, black cherry, Ailanthus, dock, dogbane, crown vetch, sweet clover, Queen Anne's lace, and path rush. MC: invasives

Soundview Park Entitment Unit Descriptions, Surveyed August 2006

Unit: 55
Acreage: 1.736
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	5'-30'	no	Landfill	Foot traffic	
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes	Sumac, smooth	<5' & 5-30'	no			
Level	Mulberry, white	<5' & 5-30'	yes			
Dry/Moist						

Comments:

Unit is a large stand of cottonwood with a mugwort understory. It is located near the soccer court and a concrete circle with benches on it. Foot paths run through unit. There is a large fallen cottonwood on bike trail side of unit. Other species present include: amur maple on court side of unit and willow.

Unit: 56
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>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		
Deciduous						
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is herbaceous and dominated by mugwort. A stand of dead Ailanthus is present. This unit is bordered by the bike path/lawn where the bike path turns and approaches the sports fields. Other species present include: Ailanthus, Eastern cottonwood, white mulberry, and viburnum.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 57
Acreage: 0.105
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Cottonwood, Eastern Mugwort	all <5' & 5-30'	no yes	Landfill		

Comments:

This unit is a cottonwood, closed forest with a mugwort understory. It is bordered by the mowed lawn / bike trail where the bike trail splits and heads towards the ball fields. Other species present include: white mulberry, bouncing bet, dock, garlic mustard, and poorman's pepper.

Unit: 58
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>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Slope Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill	Campfire/ party	

Comments:

Unit is a strip of mugwort with various trees and a clump of Phragmites, and is located in between the shore and a bike path that turns into a dirt road. Large rocks are within unit. Other species present include: Ailanthus, cottonwood, white mulberry, boxelder, sycamore maple, black locust, sweet clover, redbud, Japanese knotweed, dock, red clover, evening lychnis, Queen Anne's lace, multiflora rose, foxtail, daisy fleabane, crown vetch, bouncing bet, moth mullein, and English plantain.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 59
Acreage: 0.193
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Redbud	5'-30'	yes	Landfill		
Deciduous	Ailanthus	<5' & 5-30'	yes			
Geophytes	Mustard, garlic	<5'	yes			
Slope	Mugwort	<5'	yes			
Dry/Moist						

Comments:

Unit is a mixed species closed forest with garlic mustard and mugwort dominating the understory. It is located on the north side of the bike trail next to a small lot with a metal box in it. Other species present include: white mulberry, cottonwood, and pokeweed. Bricks and rocks are present. A large mulberry is in the center of the unit. MC: Ailanthus and garlic mustard are invasive.

Unit: 60
Acreage: 0.689
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill		Dumping
Deciduous	Mugwort	<5' & 5-30'	yes			Trash
Hemicryptophytes						
Knoll						
Dry/Moist						

Comments:

This unit is a cottonwood, closed forest with a mugwort understory. It is bordered by a path that runs from the bike path to the compost area. Other species present include: Ailanthus, black locust, and multiflora rose. MC: car parts and trash

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 61
Acreage: 1.623
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Cottonwood, Eastern	<5' & 5-30'	no	Landfill		Trash
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is a woodland dominated by cottonwood and mugwort. It is bordered by a paved path, which leads to the compost area, on the east side and the bike path on the west side. Other species present include: Ailanthus, white mulberry, black locust, black cherry, black raspberry, juneberry, and garlic mustard. A garter snake and a bird's nest were observed in this unit. A foot path runs through part of this unit.

Unit: 62
Acreage: 0.153
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Boxelder	5'-30'	no	Landfill		
Deciduous	Ailanthus	5'-30'	yes			
Hemicryptophytes	Mugwort	<5'	yes			
Level						
Dry/Moist						

Comments:

This unit is located next to a large managed field and partially bordered by a cottonwood / mugwort woodland and a road that leads to the compost unit. Other species present: crabapple, amur maple, white mulberry, Norway maple, goldenrod, and black cherry saplings. A large wasp nest is hanging from one of the trees. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 63
Acreage: 0.184
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		
Deciduous	Mulberry, white	<5'	yes			
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

Unit is a strip of land in between two roads and is predominantly mugwort with three large cottonwoods. Mulberry saplings are present. Other species present include: Queen Anne's lace, horseweed, bittersweet nightshade, poor man's pepper, pokeweed, sweet clover, lady's thumb, and pigweed.

Unit: 64
Acreage: 0.075
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Wild cucumber	<5' & 5-30'	yes	Landfill		
Deciduous	Pokeweed	<5' & 5-30'	no			
Hemicryptophytes	Spiny sowthistle	<5' & 5-30'	yes			
Slope						
Dry/Moist						

Comments:

Unit is located next to the park entrance gate at Randall Avenue. Along the road side are cottonwood saplings that are less than 1'. Other species present include: Ailanthus, pokeweed, Phragmites, and mugwort. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 65
Acreage: 2.64
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Mugwort	<5' & 5-30' <5' & 5-30'	no yes	Landfill		Dumping Trash

Comments:

This unit is a cottonwood, closed forest with a mugwort understory. It is located on the west side of the compost unit. Other species present include: white mulberry, Pauwlonia tomentosa, black locust, porcelainberry, garlic mustard and pokeweed. In September 2006 a large hole was dug on the side of the unit closest to the road and compost fence.

Unit: 66
Acreage: 3.815
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		

Comments:

This unit is herbaceous and dominated by mugwort. Other species present include: Ailanthus, crown vetch, Phragmites, and Sumac spp. This unit is located on the NW side of the compost unit. MC: Trash, dumping, and rats. In September 2006 a row of cedars was planted along the compost unit fence within unit 66.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 67
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>Disturbance</u>
Woodland	Cottonwood, Eastern	<5' & 5-30'	no	Landfill		Trash
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

This unit is a woodland dominated by cottonwood and mugwort. It is bordered by the SW corner of the compost area. A bike trail runs through the unit. Rocks border one side of the bike trail. Other species present include: white mulberry, Ailanthus, porcelainberry, grapevine, bitterweed, evening lychnis, bittersweet nightshade, and CSG.

Unit: 68
Acreage: 1.229
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Ailanthus	<5' & 5-30'	yes			
Hemicryptophytes	Mimosa	<5' & 5-30'	yes			
Slope						
Dry/Moist						

Comments:

Unit is located between compost area fence and bike path. A strip of cool season grass separates an area along the road that consists of rocks and mugwort. Unit is predominantly mugwort with scattered trees. Cottonwoods are located near fence. Other species present include: staghorn sumac, Russian olive, pokeweed, Japanese knotweed, wild cucumber, crown vetch, common ragweed, bittersweet nightshade, Artemisia absinthium, and Phragmites. MC: invasives and trash

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 69
Acreage: 0.391
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill	Vagabond	Dumping
Deciduous	Ailanthus	<5' & 5-30'	yes			
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Level	Goldenrod	<5'	no			
Dry/Moist						

Comments:

Unit is a large strip of sumacs with some patches of Ailanthus and goldenrod mixed with mugwort. There is less vegetation under the parts of the unit where the sumac canopy is more closed. Rocks and brick are present. Unit is located between the shore and the bike trail across from the compost unit. Other species present include: staghorn sumac, Russian olive, pokeweed, and bittersweet nightshade. MC: dumping, vagabond, and invasives.

Unit: 70
Acreage: 0.772
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, staghorn	<5' & 5-30'	no	Landfill		Soil compaction
Deciduous	Sumac, smooth	<5' & 5-30'	no			
Chamaephytes	Mugwort	<5' & 5-30'	yes			
Level						
Dry/Moist						

Comments:

This unit is a scrub of staghorn sumac and smooth sumac with alternating dominance and an understory of mugwort. It is located between the bike path and the rocky shore across from the compost unit. Other species present include: Ailanthus, black cherry, Japanese honeysuckle, seaside goldenrod, wineberry, bittersweet nightshade, goldenrod spp., crown-vetch, poison ivy, and sweet clover. Some dead sumacs surrounded by shorter mugwort suggest that a fire may have happened within the unit. MC: trash

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 71
Acreage: 0.062
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Ailanthus	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Cherry, black	<5' & 5-30'	no			
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

Unit is rocky and is located between the bike trail and compost area. Other species present include: white mulberry, Japanese knotweed, and mugwort. MC: trash and invasives.

Unit: 72
Acreage: 0.071
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Ailanthus	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

This unit is a closed forest dominated by Ailanthus with a mugwort understory. It is located on a hill between the lawn/ bike path and the compost fence. Japanese knotweed is also present. MC: Ailanthus and Japanese knotweed.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 73
Acreage: 0.012
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Chamaephytes						
Slope						
Dry/Moist						

Comments:

This unit is dominated by smooth sumac and mugwort. It is located between the compost area fence and the lawn/biketrail.

Unit: 74
Acreage: 0.818
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		Dumping
Deciduous						
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

This unit is herbaceous and dominated by mugwort. It is located across from the compost unit and bordered by the bike trail, a sumac unit, and a dirt road. Other species present include: cottonwood, silver maple, crab apple, hackberry, goldenrod, milkweed, white sweet clover, spotted knapweed, bee balm, St. John's wort, and Phragmites. MC: a rowboat has been dumped in this unit.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 75
Acreage: 0.028
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Pachysandra	5'-30'	yes	Landfill		

Comments:
 This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Unit: 76
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>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		Dumping Trash

Comments:
 This unit is herbaceous and dominated by mugwort. It is located at the bottom of the hill from the compost unit. Other species present include: Ailanthus, cottonwood, and Phragmites. MC: dumped car in unit.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 77
Acreage: 0.071
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites	5'-30'	yes	Landfill		

Comments:

This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Unit: 78
Acreage: 0.296
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Undulating Dry	Sumac sp. Mugwort Knotweed, Japanese	<5' & 5-30' <5' <5'	no yes yes	Landfill	Foot traffic	Trash

Comments:

Unit is a rocky area with Ailanthus on one side and sumac on the other. Sumacs and Ailanthus form a closed canopy. A patch of Japanese knotweed is under the Ailanthus. Mugwort is under the sumacs. The unit is located east of the ditch next to the compost unit. Other species present include pokeweed and bittersweet nightshade. MC: trash and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 79
Acreage: 0.032
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Unit: 80
Acreage: 0.589
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Cottonwood, Eastern Olive, Russian Mugwort Knotweed, Japanese Locust, black	5'-30' 5'-30' <5' & 5-30' <5' 5'-30'	no yes yes yes yes	Landfill		Dumping Trash

Comments:

This unit is a closed forest dominated by cottonwood and Russian olive with black locust also being common. The understory is dominated by mugwort and Japanese knotweed. Unit is located on a rocky slope along one side of the fence that surrounds the compost area. There are dumped autos in this area. Other species present include: white mulberry, Ailanthus, smooth sumac, wineberry, pokeweed, bittersweet nightshade, white snakeroot, and goldenrod. MC: trash, dumping, whole cars, and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 81
Acreage: 0.043
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland Deciduous Hemicryptophytes Depression Dry/Moist	Cherry, black Mustard, garlic	5'-30' <5'	no yes	Landfill		

Comments:

This small unit is a rocky depression located at the bottom of a steep slope next to the compost unit. It is dominated by black cherry and garlic mustard. The unit is bordered by Phragmites on one side and Japanese knotweed on the other side. Other species present include: poison ivy, Ailanthus, cottonwood, and white mulberry. MC: invasives

Unit: 82
Acreage: 0.058
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites	5'-30'	yes	Landfill		

Comments:

This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 83
Acreage: 0.132
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Cherry, black	<5' & 5-30'	no	Landfill		
Deciduous	Wild cucumber	<5'	no			
Lianas						
Depression						
Dry/Moist						

Comments:

This unit is a depression dominated by black cherry and wild cucumber. It is located next to a fence that borders the park and a housing development. MC: invasives

Unit: 84
Acreage: 0.036
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Phragmites	5'-30'	yes	Landfill		
Deciduous						
Geophytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 85
Acreage: 0.307
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cherry, black	all	no	Landfill		Dumping
Deciduous	Mulberry, white	5'-30'	yes			Trash
Hemicryptophytes						
Depression						
Dry/Moist						

Comments:

This unit is a depression dominated by black cherry and white mulberry. It contains an excessive amount of garbage and dumping and is located next to a fence bordering the park and a housing development. Other species present include: Ailanthus, sycamore maple, black locust saplings, Phragmites, pokeweed, mugwort, and wild cucumber. MC: trash, dumping, and invasives.

Unit: 86
Acreage: 0.027
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Chamaephytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by smooth sumac and mugwort.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 87
Acreage: 0.118
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Elm, American	<5' & 5-30'	no	Landfill		Dumping
Deciduous	Lamb's quarters	<5' & 5-30'	yes			Trash
Hemicryptophytes						
Undulating						
Dry/Moist						

Comments:

This unit is located along a fence bordering the park and a housing complex on Randall Ave. American elm, black cherry, pin oak and white mulberry are located along the fence with lamb's quarters and patches of pokeweed in the understory. Other species present include: mugwort. MC: dumping and trash.

Unit: 88
Acreage: 0.386
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill	Vehicle access	
Deciduous	Phragmites	<5' & 5-30'	yes		Foot traffic	
Hemicryptophytes					Vagabond	
Level						
Dry/Moist						

Comments:

This unit is a patchwork of mugwort and Phragmites surrounding NE portion of pipeline right of way. A manhole is present within the unit. Other species present include: cottonwood and Ailanthus. MC: vagabond and invasives.

Soundview Park Entitment Unit Descriptions, Surveyed August 2006

Unit: 89
Acreage: 0.095
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Mulberry, white	5'-30'	yes	Landfill	Vagabond	Dumping
Deciduous	Olive, Russian	5'-30'	yes			Trash
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Undulating						
Dry/Moist						

Comments:

Unit is a closed forest dominated by white mulberry and Russian olive. The understory is dominated by mugwort. It is located across the pathway from basketball courts. Other species present include: black locust, black cherry, dogwood, Ailanthus, willow, vervain, Phragmites, wineberry, and garlic mustard. MC: dumping, trash and invasives.

Unit: 90
Acreage: 0.045
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		Trash
Deciduous						
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is herbaceous and dominated by mugwort. It is triangular in shape, bordered by a sidewalk and pavement on two sides, and located near the entrance by the basketball courts. MC: trash

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 91
Acreage: 0.073
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Japanese Zelkova	5'-30'	yes	Landfill		Trash
Deciduous	Smartweed	<5'	no			
Hemicryptophytes	Mugwort	<5'	yes			
Level						
Dry/Moist						

Comments:

Unit is triangular in shape, located at Lacombe Ave., and is bordered by a basketball court and two sidewalks. Two large rocks are within unit. A fallen telephone wire hangs through one of the Japanese Zelkova trees. Half of the gateway to the basketball court is within the unit. Along the court side fence is a strip of dirt with dead vegetation. MC: trash and fallen wires.

Unit: 92
Acreage: 0.072
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Hackberry	5'-30'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

Unit is triangular in shape, located at Lacombe Ave., and bordered by a basketball court on one side, a fence on the second side, and a sidewalk on the third side. Unit is flat with large rocks along fence. Serviceberry and other vegetation are growing out of the rocks. A strip of dead mugwort is along the fence next to the basketball court. Half of the archway leading to basketball court is within the unit. Other species present include: Chinese scholar tree, wineberry, white mulberry, Ailanthus, pokeweed, CSG, smartweed and bittersweet nightshade. Unit was mowed in October 2006. MC: invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 93
Acreage: 0.063
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		

Comments:

This unit is herbaceous and dominated by mugwort. Other species present include: Ailanthus, white mulberry, and Phragmites. MC: trash and invasive species.

Unit: 94
Acreage: 0.043
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites	5'-30'	yes	Landfill		

Comments:

This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 95
Acreage: 0.149
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Mulberry, white	>30' & 5-30'	yes	Landfill	Vagabond	Dumping
Deciduous	Cottonwood, Eastern	>30' & 5-30'	no			
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Slope	Mustard, garlic	<5'	yes			
Dry/Moist						

Comments:

Unit is partially bordered by a mugwort / Phragmites field near the entrance of the basketball courts. The unit is a closed forest located on a rocky slope. Other species present include: Ailanthus (some dead), black cherry, Hawthorn spp., and Russian olive. MC: whole dumped car and vagabond.

Unit: 96
Acreage: 0.411
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Mulberry, white	<5' & 5-30'	yes	Landfill	Picnic	Trash
Deciduous	Mustard, garlic	<5'	yes		Campfire/ party	
Geophytes	Cottonwood, Eastern	>30'	no			
Slope						
Dry/Moist						

Comments:

Unit is predominantly mulberry with bare ground and a patch of garlic mustard. Other species present include: Ailanthus, crack willow, mugwort, poison ivy, Phragmites, wineberry, and bittersweet nightshade. Dead birds found on two occasions suggest that site is used for religious rituals. This unit is located next to the SE baseball field and near a basketball court. MC: trash

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 97
Acreage: 0.026
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites Mugwort	<5' & 5-30' <5'	yes yes	Landfill		

Comments:

This unit is dominated by Phragmites and mugwort. It is an opening between two closed forest areas and consists of one half Phragmites and one half mugwort. MC: Phragmites

Unit: 98
Acreage: 0.022
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Hemicryptophytes Slope Dry/Moist	Ailanthus Mugwort	<5' & 5-30' <5' & 5-30'	yes yes	Landfill		Trash

Comments:

This unit is a closed forest dominated by Ailanthus with a mugwort understory. It is located next to the SE baseball field and is bordered by Phragmites and a white mulberry forest. Other species present include: Phragmites.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 99
Acreage: 0.061
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Slope Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		Trash

Comments:

This unit is herbaceous and dominated by mugwort. It is located next to the SE baseball field. Other species present include: white mulberry, smooth sumac. Ragweed, poorman's pepper, and daisy fleabane.

Unit: 100
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>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites	5'-30'	yes	Landfill		

Comments:

This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 101
Acreage: 0.155
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill		
Deciduous	Mulberry, white	<5' & 5-30'	yes			
Hemicryptophytes	Mugwort	<5'	yes			
Level						
Dry/Moist						

Comments:

This unit is a cottonwood/mulberry forest. It is located at the corner of the SE baseball field and a road. Many white mulberry saplings. Other species present include: cherry, autumn olive, Queen Anne's lace, Phragmites, and goldenrod. MC: invasives

Unit: 102
Acreage: 0.072
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Phragmites	<5' & 5-30'	yes	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Geophytes						
Level						
Dry/Moist						

Comments:

Unit is located off the road that leads from the bike trail to the baseball field and basketball courts. Natural gas pipeline lines the side of the road. Unit consists of Phragmites and mugwort. MC: Phragmites

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 103
Acreage: 0.796
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Mugwort	all <5'	no yes	Landfill		Trash

Comments:

This unit is a woodland dominated by cottonwood and mugwort. It is located along the dirt path that leads from the bike trail to the basketball courts. There is a fence post at the edge of the unit. Foot trails run through unit. Other species present: include: Queen Anne's lace, goldenrod, dogbane, milkweed, birdfoot trefoil and sweet clover.

Unit: 104
Acreage: 0.122
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Undulating Dry/Moist	Sumac, smooth Mugwort	<5' & 5-30' <5' & 5-30'	no yes	Landfill		Dumping Trash

Comments:

This unit is dominated by smooth sumac and mugwort. This unit is located next to a large patch of Japanese knotweed. Other species present include: black cherry, white mulberry, Japanese knotweed, pokeweed, bittersweet nightshade, and wineberry. MC: and dumping.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 105
Acreage: 0.255
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Japanese knotweed	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Ailanthus	<5' & 5-30'	yes			
Geophytes						
Level						
Dry/Moist						

Comments:

A strip of mugwort buffers this unit from the lawn/ bike path. The unit consists of Japanese knotweed with some surrounding Ailanthus trees. Located across the bike path is the Con Ed building/ driveway. Other species present include: white mulberry, pokeweed, black cherry, bittersweet nightshade, Pauwlonia tomentosa, and purple loosestrife. MC: trash and invasives.

Unit: 106
Acreage: 0.163
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Chamaephytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by smooth sumac and mugwort. It is located near a dirt road that approaches the shore. Other species present include: Ailanthus, Japanese knotweed, goldenrod, Phragmites, and Virginia creeper.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 107
Acreage: 0.134
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill	Picnic	Trash
Deciduous	Cool season grass	<5'	yes		Campfire/ party	
Hemicryptophytes	Ailanthus	<5' & 5-30'	yes			
Slope						
Dry/Moist						

Comments:

Unit is a mowed area of mugwort and cool season grass. A few Ailanthus are in the unit near a picnic table. Towards the center of the unit are carpets laid over compacted soil. As unit approaches the shore it becomes rocky. A round concrete structure is within the unit. Other species present include: foxtail and lamb's quarters. MC: trash, vagabond, and evidence of fire.

Unit: 108
Acreage: 0.545
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Ailanthus	<5' & 5-30'	yes	Landfill	Foot traffic	Trash
Deciduous	Sumac, smooth	<5' & 5-30'	no			
Phanerophytes	Mugwort	<5' & 5-30'	yes			
Level						
Dry/Moist						

Comments:

Unit consists of two stands of Ailanthus surrounded by mugwort and scattered sumacs. Many Ailanthus saplings are present. A patch of black locust and ash spp. are near the shore. A trail that leads from a concrete dock to one of the stands of Ailanthus borders one side of the unit. MC: trash and invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 109
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>Disturbance</u>
Closed Forest	Ailanthus	<5' & 5-30'	yes	Landfill	Campfire/ party	Dumping
Deciduous	Cottonwood, Eastern	5'-30'	no		Foot traffic	Auto
Hemicryptophytes	Boxelder	5'-30'	no			Trash
Undulating	Mugwort	<5'	yes			
Dry/Moist						

Comments:

This unit is a closed forest dominated by Ailanthus, cottonwood, and boxelder. Mugwort is located on the bike trail side of the unit, while the interior understory consists of bricks, rock, shell, auto parts and other trash. A footpath runs through this unit. Other species present include: black locust, white mulberry, Paulownia tomentosa, smooth sumac, Japanese knotweed, garlic mustard, wineberry, white snakeroot, and bittersweet nightshade. MC: trash, dumping and invasives.

Unit: 110
Acreage: 0.088
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		Dumping
Deciduous						
Chamaephytes						
Undulating						
Dry						

Comments:

This unit is dominated by smooth sumac in a rocky area. It is partially bordered by the lawn/ bike path. Other species present include: pokeweed and mugwort. MC: dumping of car parts.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 111
Acreage: 0.05
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Slope Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		

Comments:

This unit is herbaceous and dominated by mugwort. It is located between the rocky shore and a stand of Ailanthus. Other species present include: goldenrod.

Unit: 112
Acreage: 1.497
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Level Dry/Moist	Sumac, smooth Mugwort	<5' & 5-30' <5' & 5-30'	no yes	Landfill		

Comments:

This unit is dominated by smooth sumac and mugwort. It is located between the rocky shore and a mugwort field. Other species present include: cottonwood, Ailanthus, white mulberry, mimosa, winged sumac, goldenrod and bittersweet nightshade. MC: trash

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 113
Acreage: 3.155
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		Dumping

Comments:

This unit is herbaceous and dominated by mugwort. Other species present include: Ailanthus, cottonwood, pitch pine, smooth sumac, white mulberry, boxelder, goldenrod, and poison ivy. A few small, scattered, pitch pines were planted by the Bronx River Alliance. The unit that is bordered by the bike trail lawn and located West of benches overlooking the shore. A whole dumped car is located within the unit. MC: dumping

Unit: 114
Acreage: 0.4
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Level Dry/Moist	Sumac, smooth Mugwort	<5' & 5-30' <5' & 5-30'	no yes	Landfill		

Comments:

This unit is dominated by smooth sumac and mugwort. Other species present include: white muberry, sweet clover and pokeweed.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 115
Acreage: 0.048
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Ailanthus	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes	Nightshade, Bittersweet	<5'	yes			
Slope						
Dry/Moist						

Comments:

Unit is a closed forest dominated by Ailanthus with a mugwort/ bittersweet nightshade understory. It is partially bordered by the bike trail. Other species present include: black cherry, white poplar, pokeweed, and dock. MC: white poplar and other invasives.

Unit: 116
Acreage: 0.047
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		
Deciduous						
Geophytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 117
Acreage: 0.358
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Locust, black	5'-30'	yes	Landfill		Dumping
Deciduous	Ailanthus	5'-30'	yes			
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Level						
Dry/Moist						

Comments:

Unit is a woodland dominated by black locust, Ailanthus, and mugwort. It is located by benches overlooking water and a double trunked cottonwood on lawn. Other species present include: cottonwood, dogbane, black cherry, and Phragmites. MC: car parts in the unit and invasives.

Unit: 118
Acreage: 2.921
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		Auto
Deciduous	Goldenrod	<5'	no	Fence		Trash
Hemicryptophytes	Cottonwood, Eastern	all	no			
Level						
Dry/Moist						

Comments:

This unit is a herbaceous community dominated by mugwort and goldenrod with scattered cottonwoods. Old fence posts are located within this unit. Other species present include: Russian olive, Ailanthus, smooth sumac, Phragmites, dogbane, dock, sweet clover, mullein, bouncing bet, and Guara biennis. MC: trash and invasive

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 119
Acreage: 0.031
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Chamaephytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by smooth sumac and mugwort. Other species present include: pokeweed. MC: An open manhole is present.

Unit: 120
Acreage: 0.104
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill		Fire
Deciduous	Mugwort	<5'	yes			Auto
Hemicryptophytes						
Depression						
Dry/Moist						

Comments:

Unit is a mixed closed forest with a rocky depression, and is located near road to the circular berm. Other species present include: American elm, white mulberry, smooth sumac, goldenrod, bittersweet nightshade, and mugwort.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 121
Acreage: 1.244
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Cottonwood, Eastern	all	no	Landfill		Trash
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes	Goldenrod	<5'	no			
Level	Mugwort	<5'	yes			
Dry/Moist	Clover, sweet white	<5'	yes			

Comments:

Unit is a woodland consisting predominantly of cottonwood. The unit borders the baseball field that is near the basketball courts on Lacombe Ave., and is bordered by a herbaceous community of mugwort and a row of predominantly mulberry along a rocky hill on the other side of which is the road that leads to the circular berm. Car parts are within the unit. Patches of Phragmites are present in the mugwort understory. Other species present include: smooth sumac, silver maple saplings, Juniperus virginiana, sugar maple saplings, black cherry saplings, poison ivy, slippery elm sapling, evening lychnis, grassy patches, seaside goldenrod, bush honeysuckle, multiflora rose, purple loosestrife, and aster ericoides. MC: invasives, trash, and car parts.

Unit: 122
Acreage: 0.42
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Mulberry, white	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Mugwort	<5' & 5-30'	yes			Dumping
Hemicryptophytes	Sumac, smooth	<5'	no			
Level						
Dry/Moist						

Comments:

Unit is a closed forest of white mulberry with an understory that is predominantly mugwort and sumac. Unit is located near SE baseball field. Unit differs from neighboring unit 96 due to presence of an understory of mugwort and sumac and lack of garlic mustard. Lots of old license plates and a bike were found in this unit. Other species present include: cottonwood, Ailanthus, bittersweet nightshade, goldenrod, lamb's quarters, pokeweed, Queen Anne's lace, and dock. MC: trash, dumping, license plates, and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 123
Acreage: 0.198
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		Trash

Comments:

This unit is herbaceous and dominated by mugwort. It is bordered by a fence that separates the park from a residential area near Bronx River Ave. Other species present include: Ailanthus, cottonwood, Autumn olive, and bedstraw.

Unit: 124
Acreage: 0.077
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland Deciduous Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern Mugwort	5'-30' <5' & 5-30'	no yes	Landfill		Trash

Comments:

This unit is a woodland dominated by cottonwood and mugwort. It is located next to the fence that borders the park from Bronx River Avenue. Other species present include: bedstraw and Oriental bittersweet.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 125
Acreage: 0.239
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Cottonwood, Eastern	<5' & 5-30'	no	Landfill	Foot traffic	Trash
Deciduous	Phragmites	<5' & 5-30'	yes			Dumping
Geophytes	Mugwort	<5'	yes			
Level	Goldenrod	<5'	no			
Dry/Moist						

Comments:

Unit is a woodland dominated by cottonwood with Phragmites, mugwort and goldenrod in the understory. This unit is located near the SE baseball field. Other species present include: multiflora rose, sumac, and a chestnut oak sapling. MC: invasives, dumping and trash.

Unit: 126
Acreage: 0.133
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Ailanthus	<5' & 5-30'	yes	Landfill		Dumping
Deciduous	Mulberry, white	5'-30'	yes			Trash
Geophytes	Phragmites	<5' & 5-30'	yes			
Undulating	Bedstraw	<5'	no			
Dry/Moist						

Comments:

This unit is located along a fence that borders the property at Bronx River Avenue. A set of chained gates is located behind the unit. The unit is a closed forest surrounded by a more open area of cottonwood, Phragmites, and mugwort. A patch of Phragmites is located in the middle of the area where there is a gap in the canopy. Other species present include: cottonwood, black cherry, elm, boxelder, weeping willow, mugwort, goldenrod, and multiflora rose. MC: trash, auto parts, and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 127
Acreage: 1.544
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Phragmites	<5' & 5-30'	yes	Landfill	Foot traffic	
Deciduous	Mugwort	<5' & 5-30'	yes			
Geophytes	Goldenrod	<5' & 5-30'	no			
Level						
Dry/Moist						

Comments:

This unit is dominated by Phragmites, mugwort, and goldenrod.

Unit: 128
Acreage: 0.116
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Ailanthus	<5' & 5-30'	yes	Landfill	Vagabond	Dumping
Deciduous	Cottonwood, Eastern	all	no			Trash
Hemicryptophytes	Mulberry, white	<5' & 5-30'	yes			
Knoll						
Dry/Moist						

Comments:

Unit is a berm/hill along pathway to crop circle made out of concrete, bricks, tires, and dirt. Other species present include: Siberian elm, Chinese scholar tree, and Phragmites. MC: invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 129
Acreage: 0.15
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Goldenrod	<5'	no	Landfill		
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

Unit is predominately goldenrod and mugwort with a few scattered trees and is bordered by an herbaceous/ Phragmites unit and a woodland. Other species present include: cottonwood, one crabapple, Ailanthus, white mulberry, cherry, one boxelder, smooth sumac, multiflora rose, poison ivy, and dock.

Unit: 130
Acreage: 0.113
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	5'-30'	yes	Landfill		Auto
Deciduous	Cottonwood, Eastern	5'-30'	no			Dumping
Hemicryptophytes	Mulberry, white	5'-30'	yes			
Depression						
Dry/Moist						

Comments:

Unit is a mixed closed forest with dense mugwort on one side and a thin herbaceous layer on the other side. Other species present include: Ailanthus, smooth sumac, Japanese honeysuckle, Virginia creeper, and bittersweet nightshade. MC: dumping and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 131
Acreage: 3.08
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, staghorn	<5' & 5-30'	no	Landfill		Dumping
Deciduous	Sumac, smooth	<5' & 5-30'	no			
Chamaephytes	Mugwort	<5' & 5-30'	yes			
Level						
Dry/Moist						

Comments:

This unit consists of patches of staghorn and smooth sumac and patches of Phragmites within a field of mugwort. The unit is bordered on one side by the mowed lawn and bike path. There are some dead sumacs and a patch of milkweed within the unit.

Other species present include: cottonwood, Ailanthus, black locust, white mulberry, Phragmites, crown vetch, dogbane, goldenrod, and Japanese knotweed. MC: invasives and dumping.

Unit: 132
Acreage: 0.374
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Phragmites	<5' & 5-30'	yes	Landfill	Foot traffic	
Deciduous	Mugwort	<5' & 5-30'	yes			
Geophytes	Goldenrod	<5' & 5-30'	no			
Level						
Dry/Moist						

Comments:

This unit is dominated by Phragmites, mugwort and goldenrod. One end is bordered by berm and the other end is bordered by a stand of cottonwoods that are covered with poison ivy.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 133
Acreage: 2.446
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill		
Deciduous	Goldenrod	<5' & 5-30'	no			
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Level	Mulberry, white	5'-30'	yes			
Dry/Moist	Phragmites	<5' & 5-30'	yes			

Comments:

Unit is a cottonwood forest with poison ivy climbing trees. The understory consists of goldenrod and mugwort. Other species present include: elm, box elder, Norway maple, Ailanthus, smooth sumac, Phragmites, wineberry, CSG, Oriental bittersweet, porcelain-berry, and Virginia creeper. Unit is bordered by the entrance to the crop circle. MC: invasives.

Unit: 134
Acreage: 0.357
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Goldenrod	<5' & 5-30'	no	Landfill		
Deciduous	Phragmites	<5' & 5-30'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

Unit is bordered by a dirt road and woodlands. Near the road is a mix of sweet clover, birdfoot trefoil, Queen Anne's lace, daisy fleabane, and grasses. As unit progresses towards woodland there is more goldenrod and Phragmites with a few tree saplings and smooth sumacs. Other species present include: black cherry and cottonwood saplings, poison ivy, daisy fleabane, Queen Anne's lace, mugwort, dogbane, smartweed, and Eragrostis capillaris. MC: invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 135
Acreage: 0.571
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Fescue	<5'	yes	Landfill	Vehicle access	
Deciduous	Sedge, umbrella	<5'	no			
Hemicryptophytes	Fleabane, daisy	<5'	no			
Level						
Dry/Moist						

Comments:

Unit is surrounded by Phragmites and mugwort that is beginning to enter the unit. A large pile of wood chips next to the road is within the unit. Other species present include: Phragmites, orchard grass, seaside goldenrod, rough-fruited cinquefoil, mugwort and dogbane. A road that leads to the circular berm runs through the unit. MC: invasives.

Unit: 136
Acreage: 0.164
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	sporobolus spp.	<5'		Landfill	Vehicle access	
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes	Orchard grass	<5'	yes			
Level						
Dry/Moist						

Comments:

Unit is predominantly Sporobolus spp., mugwort, and orchard grass. A dirt road runs through the middle of the unit. Unit is surrounded by Phragmites which is encroaching on the unit. A large pile of wood is within the unit. Other species present include: Queen Anne's lace, mugwort, daisy fleabane, seaside goldenrod, rough-fruited cinquefoil, sweet clover and dogbane. MC: Phragmites

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 137
Acreage: 5.347
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Cottonwood, Eastern	<5' & >30'	no	Landfill	Foot traffic	
Deciduous	Phragmites	<5' & 5-30'	yes			
Phanerophytes	Mugwort	<5'	yes			
Level						
Dry/Moist						

Comments:

Unit is the inside portion of the circular berm known as the crop circle. The area predominantly consists of large stands of cottonwood saplings and patches of Phragmites. A foot path with white sweet clover growing around it, runs through the center of the unit. A variety of other species are scattered throughout the area including: boxelder, groundsel bush, poison ivy, squirrel tail, mugwort, goldenrod, Rubus spp., and assorted grasses and sedges. MC: invasives

Unit: 138
Acreage: 1.879
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill	Foot traffic	
Deciduous	sweet clover	<5' & 5-30'	yes			
Hemicryptophytes	Goldenrod	<5'	no			
Slope	Phragmites	<5' & 5-30'	yes			
Dry/Moist						

Comments:

Unit is a circular berm composed of clean fill and approximately 3' tall and 15' across. Other species present include: black locust, cottonwood saplings, groundsel bush, daisy, squirreltail grass, seaside goldenrod, Phragmites, mugwort, sedge spp., orchard grass, Guara biennis, and sweet clover. A fenced in area for the oyster restoration project is present. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 139
Acreage: 0.024
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Unit: 140
Acreage: 0.065
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Level Dry/Moist	Sumac, smooth Mugwort	<5' & 5-30' <5' & 5-30'	no yes	Landfill		

Comments:

This unit is dominated by smooth sumac and mugwort.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 141
Acreage: 0.052
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mustard, Tumble	<5'	yes	Landfill		
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

Unit is mostly herbaceous with one large black locust and a few shrubs and saplings. The unit is fenced in with a red wood fence and is located near water and benches that overlook the water. Other species present include: black locust, juniper, pin oak, elderberry, dock, and garlic mustard. October 2006: fence taken down and area mowed.

Unit: 142
Acreage: 0.011
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Locust, black	5'-30'	yes	Landfill	Foot traffic	
Deciduous	Cottonwood, Eastern	5'-30'	no			
Chamaephytes	Ailanthus	5'-30'	yes			
Slope	Sumac, smooth	<5' & 5-30'	no			
Dry/Moist						

Comments:

This unit is a strip of trees and sumacs on a rocky slope located by benches overlooking the water. Other species present include: CSG, mugwort, orach, bedstraw, tumble mustard, and mullein. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 143
Acreage: 0.022
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Slope Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		

Comments:

This unit is herbaceous and dominated by mugwort. It is a strip located near the water and benches overlooking water. Other species present include: a dead Ailanthus, one Birch spp., smooth sumac, bedstraw, brome, garlic mustard, dogbane, evening lychnis, and lambsquarters.

Unit: 144
Acreage: 0.108
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland Deciduous Hemicryptophytes Slope Dry/Moist	Cottonwood, Eastern Mugwort Phragmites	<5' & 5-30' <5' & 5-30' 5'-30'	no yes yes	Landfill	Foot traffic	Fire Trash

Comments:

Unit is a rocky slope with mixed vegetation. Nearly leafless Ailanthus on both sides of the unit. Bordered by shoreline and mowed lawn associated with bike trail. Other species present include: white mulberry, black locust, Ailanthus, black cherry, Virginia creeper, bedstraw, and dock. MC: trash and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 145
Acreage: 0.036
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Locust, black	5'-30'	yes	Landfill		
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes	Ailanthus	<5' & >30'	yes			
Slope	orchard grass	<5'	yes			
Dry/Moist						

Comments:

Unit is a black locust/ Ailanthus woodland with orchard grass and mugwort in the understory. Unit becomes rocky as it approaches the shore line. Transitions from mugwort dominance to orchard grass dominance. Unit is located between the shoreline and the mowed lawn/ bike path and is located between unit 145 and unit 147.

Unit: 146
Acreage: 0.087
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		
Deciduous	Bedstraw	<5'	no			
Hemicryptophytes						
Slope						
Dry/Moist						

Comments:

Unit is a strip of mugwort and bedstraw between lawn/bike trail and trees along shore. Other species present include: smooth sumac, cottonwood, dogbane, and dock.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 147
Acreage: 0.009
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Unit: 148
Acreage: 0.174
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		

Comments:

This unit is herbaceous and dominated by mugwort.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 149
Acreage: 0.025
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Unit: 150
Acreage: 0.096
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		Trash

Comments:

This unit is herbaceous and dominated by mugwort. Other species present include: smooth sumac.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 151
Acreage: 0.064
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Black locust	5'-30'	yes	Landfill		Trash
Deciduous	Cottonwood, Eastern	5'-30'	no			
Hemicryptophytes	Mulberry, white	<5' & 5-30'	yes			
Level	Mugwort	<5' & 5-30'	yes			
Dry/Moist						

Comments:

This unit is a closed forest dominated by black locust, cottonwood, and white mulberry. The understory is dominated by mugwort. It is located next to the outer part of the berm and across the bike path from a black locust closed forest. The unit is partially bordered by a sumac scrub unit. Other species present include: Ailanthus, white mulberry, Phragmites and smooth sumac. MC: trash and invasives.

Unit: 152
Acreage: 0.035
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Chamaephytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by smooth sumac and mugwort. It is located between the berm and the bike trail/managed lawn.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 153
Acreage: 0.077
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	<5' & 5-30'	yes	Landfill		
Deciduous	Cool season grass	<5'	yes			
Hemicryptophytes	Mugwort	<5'	yes			
Slope						
Dry/Moist						

Comments:

This unit is a black locust forest with CSG in the understory and mugwort encroaching. Other species present include: Ailanthus, white mulberry, smooth sumac, garlic mustard, dock, bittersweet nightshade, evening lychnis, and bedstraw. Unit is located between the bike path and the shore across from unit 152. MC: invasives

Unit: 154
Acreage: 0.168
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub	Sumac, smooth	<5' & 5-30'	no	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Chamaephytes						
Level						
Dry/Moist						

Comments:

This unit is dominated by smooth sumac and mugwort.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 155
Acreage: 3.914
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		Trash
Deciduous	Goldenrod	<5' & 5-30'	no			
Hemicryptophytes Level Dry/Moist	Cottonwood, Eastern	<5' & 5-30'	no			

Comments:

This unit is a herbaceous community dominated by mugwort and goldenrod with scattered cottonwoods and Ailanthus. The unit is partially bordered by the bike path/lawn and by the circular berm. A path runs through part of it. Other species present include: Phragmites, milkweed, smooth sumac, Queen Anne's lace, white sweet clover, and sedge spp.

Unit: 156
Acreage: 0.153
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		
Deciduous						
Hemicryptophytes Slope Dry/Moist						

Comments:

This unit is herbaceous and dominated by mugwort. This unit is located between the bike path and the rocky shore.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 157
Acreage: 0.134
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is a cottonwood, closed forest with a mugwort understory. It is located within a mugwort field on the SE side of the park. Other species present include: black cherry and smooth sumac.

Unit: 158
Acreage: 0.327
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Ailanthus	all	yes	Landfill	Foot traffic	Dumping
Deciduous	Cottonwood, Eastern	>30' & 5-30'	no			Trash
Geophytes	Boxelder	<5' & 5-30'	no			
Undulating	Locust, black	5'-30'	yes			
Dry/Moist	Knotweed, Japanese	<5'	yes			
	Mugwort	<5' & 5-30'	yes			

Comments:

This unit is a mixed closed forest located by a fence along a dirt road that connects Beach Ave and Taylor Ave. and the crop circle. The substrate is very rocky and undulates. Other species present include: white mulberry, London planetree, willow spp., white snakeroot, black cherry, garlic mustard, and poison ivy. MC: dumping, trash, and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 159
Acreage: 0.019
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	<5' & 5-30'	no	Landfill		
Deciduous	Locust, black	5'-30'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

Unit is predominantly black locust and cottonwood with many young cottonwoods. Oriental bittersweet is climbing the trees. Other species present include smooth sumac and goldenrod. MC: oriental bittersweet.

Unit: 160
Acreage: 0.727
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	all	no	Landfill		
Deciduous	Sumac, smooth	<5' & 5-30'	no			
Hemicryptophytes	Mugwort	<5' & 5-30'	yes			
Level						
Dry/Moist						

Comments:

Unit consists of an overstory of cottonwood, honey locust, Ailanthus, black locust and an understory of smooth sumac, mugwort, and goldenrod. Other species present include: white mulberry, spotted knapweed, blue vervain, white sweet clover, and St. John's wort. Bordered in part by lawn/bike path.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 161
Acreage: 0.015
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. MC: Japanese knotweed is invasive.

Unit: 162
Acreage: 1.356
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Level Dry/Moist	Sumac, smooth Mugwort Goldenrod	5'-30' <5' & 5-30' <5'	no yes no	Landfill		Trash Dumping

Comments:

This unit is located on the South side of the park. It is a scrub dominated by smooth sumac, mugwort, and goldenrod. Other species present include: silver maple, Ailanthus, winged sumac, Phragmites, Japanese knotweed, dogbane, and bedstraw.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 163
Acreage: 0.03
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cottonwood, Eastern	<5' & 5-30'	no	Landfill		Trash
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is a closed forest dominated by cottonwood and mugwort. It is located on the North side of the bike trail near the O'Brien St. / Leland Ave. entrance. A mowed pathway runs through the unit. Other species present include black locust, Ailanthus, and goldenrod. MC: trash and Ailanthus.

Unit: 164
Acreage: 0.147
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	<5' & 5-30'	yes	Landfill		Dumping
Deciduous	Mugwort	<5'	yes			Trash
Hemicryptophytes	Mulberry, white	<5' & 5-30'	yes			
Undulating						
Dry/Moist						

Comments:

Unit is bordered in part by the bike path/ mowed lawn and a street and is located near the O'Brien St./ Leland Ave entrance of the park. A foot path runs from the lawn side of the unit to the street side of the unit. On the street side of the path are a few broken trees. Other species present include: cottonwood, honey locust, lamb's quarters, and white sweet clover. MC: dumping, trash, and invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 165
Acreage: 0.052
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill		Trash
Deciduous	Knotweed, Japanese	<5'	yes			
Hemicryptophytes	black locust	<5'	yes			
Knoll	Hops, Japanese	<5'	yes			
Dry/Moist						

Comments:

Unit is a triangular strip between the start of the mowed lawn/pike path and new road at the corner of Leland Avenue and O'Brien Street. Other species present include: silver maple saplings, one cottonwood, Japanese hop, common morning glory, ragweed, lamb's quarters, pokeweed, foxtail, Queen Anne's lace, white sweet clover, common plantain, epazote, and goose grass. MC: trash and invasives.

Unit: 166
Acreage: 0.031
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Locust, black	5'-30'	yes	Landfill		
Deciduous	Mugwort	<5' & 5-30'	yes			
Hemicryptophytes	Ailanthus	<5' & 5-30'	yes			
Level						
Dry/Moist						

Comments:

Unit is a small closed forest surrounded by mowed lawn. It is located next to the bike path near the O'Brien St and Leland Ave. entrance. Other species present include bedstraw and Queen Anne's Lace. 10/06: Some of the Ailanthus trees have been chopped down. MC: invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 167
Acreage: 0.043
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Ailanthus	5'-30'	yes	Landfill		
Deciduous	Locust, black	5'-30'	yes			
Geophytes	Knotweed, Japanese	<5'	yes			
Level	Mugwort	<5'	yes			
Dry/Moist						

Comments:

This unit is an Ailanthus/ black locust closed forest with a Japanese knotweed / mugwort understory. This unit is on the South side of the bike trail near the lagoon. Other species present include: cottonwood and Phragmites. MC: invasives.

Unit: 168
Acreage: 0.068
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Phragmites	<5' & 5-30'	yes	Landfill	Foot traffic	Auto
Deciduous	Mugwort	<5' & 5-30'	yes			
Geophytes	Goldenrod	<5' & 5-30'	no			
Level						
Dry/Moist						

Comments:

This unit is dominated by Phragmites, mugwort and goldenrod. Other species present include: cottonwood, American elm, Ailanthus, white sweet clover and smooth sumac. A few foot paths run through the unit. There is evidence of past vehicular access.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 169
Acreage: 0.468
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		
Deciduous	Goldenrod	<5'	no			
Hemicryptophytes	Cottonwood, Eastern	<5' & 5-30'	no			
Level						
Dry/Moist						

Comments:

This unit is a herbaceous community dominated by mugwort and goldenrod with scattered cottonwoods. Other species present include: Ailanthus, Pauwlonia tomentosa, white mulberry, silver maple, regenerating mimosa, daisy fleabane, garlic mustard, red clover, bedstraw, sweet clover and mullein.

Unit: 170
Acreage: 0.117
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Woodland	Locust, black	5'-30'	yes	Landfill		
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes	Locust, honey	5'-30'	yes			
Level						
Dry/Moist						

Comments:

This unit is a black locust/ honey locust woodland with a mugwort understory. Other species present include: cottonwood, mulberry saplings and garlic mustard. This unit is located next to a closed forest and is bordered by the mowed lawn / bike path.
 MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 171
Acreage: 0.076
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Silver maple	<5' & 5-30'	no	Landfill		Dumping
Deciduous	Mulberry, white	5'-30'	yes			Trash
Hemicryptophytes	Locust, black	5'-30'	yes			
Depression	Mugwort	<5'	yes			
Dry/Moist	Rose	<5'	yes			
	Mustard, garlic	<5'	yes			

Comments:

This unit is a closed forest dominated by silver maple, mulberry, and black locust. The understory is dominated by mugwort, multiflora rose, and garlic mustard. A large depression filled with concrete and trash is present within the unit.

Other species present include: boxelder, Norway maple, sycamore maple, black cherry, Ailanthus, honey locust, Catalpa, Virginia creeper, poison ivy, and bittersweet nightshade. Unit is located near the O'Brien Street entrance to the park.

MC: Trash, dumping, and invasives.

Unit: 172
Acreage: 0.007
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal	Cordgrass, smooth	<5' & 5-30'	no	Landfill		
Deciduous						
Hemicryptophytes						
Level						
Surface water						

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 173
Acreage: 0.149
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 174
Acreage: 0.081
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Geophytes Slope Wet	Marsh-elder	<5' & 5-30'	no	Landfill		Trash

Comments:

This unit is predominantly marsh elder. Other species present include: mugwort, dock, glasswort, *Phragmites*, patches of seaside goldenrod, *Distichlis spicata*, and *Spartina alterniflora*. MC: *Phragmites*

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 175
Acreage: 0.107
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Phragmites	5'-30'	yes	Landfill		

Comments:

This unit is dominated by Phragmites. MC: Phragmites is an invasive species.

Unit: 176
Acreage: 0.191
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Switchgrass	<5'	no	Landfill	Foot traffic	
Deciduous	Ragweed, common	<5'	no			
Hemicryptophytes	Mugwort	<5'	yes			
Knoll	Marsh-elder	<5'	no			
Dry	Phragmites	<5'	yes			

Comments:

This unit is a lagoon peninsula. Inside the rocks are marsh elder and a grassy interior. Other species present include: black cherry, smooth sumac, orchard grass, common plantain, poor man's pepper, poison ivy, evening primrose, dock, Phragmites, and sweet clover. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 177
Acreage: 0.089
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Marsh-elder	<5'	no	Landfill	Foot traffic	
Deciduous	Switchgrass	<5'	no			
Chamaephytes						
Level						
Dry						

Comments:

Unit is predominantly marsh-elder and located on peninsula/ berm bordered by rocky area on three sides and a grass unit on the fourth. Other species present include: rush spp., seaside goldenrod, Kochia scoparia, orach and Phragmites. MC: Phragmites

Unit: 178
Acreage: 0.032
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scarcely Vegetated	Cordgrass, smooth	<5'	no	Landfill	Foot traffic	
Deciduous	Distichlis spicata	<5'	no			
Hemicryptophytes						
Knoll						
Dry						

Comments:

Unit is a rocky area at the tip of a berm/ peninsula with a few patches of Spartina alterniflora, Distichlis spicata, and a few marsh-elders. Unit is bordered by a stand of marsh-elder.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 179
Acreage: 0.006
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 180
Acreage: 0.011
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 181
Acreage: 0.003
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 182
Acreage: 0.233
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Vineland Deciduous Lianas Slope Dry	Virginia creeper Marsh-elder Ivy, poison Orach	<5' <5' <5' <5'	no no no yes	Landfill		

Comments:

Unit is vegetation found on the rocky slope that surrounds the lagoon area. Unit is bordered by the start of houses along the east edge of the lagoon and a fence near an old dock or ship. Other species present include: *Ailanthus*, black locust, black cherry, white mulberry, smooth sumac, hackberry, marsh elder, Virginia creeper, bedstraw, multiflora rose, mugwort, Japanese honeysuckle, and Asiatic dayflower MC: invasives.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 183
Acreage: 0.198
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5' & 5-30'	yes	Landfill		
Deciduous	Knotweed, Japanese	<5' & 5-30'	yes			
Hemicryptophytes	Bindweed	<5' & 5-30'	yes			
Level	Ragweed, common	<5' & 5-30'	no			
Dry/Moist						

Comments:

This unit is located on Bronx River Ave and runs from a white house to a large patch of Japanese knotweed. A white cement structure that says Harding Park is within the unit. Other species present include: black cherry, white mulberry saplings, multiflora rose, smartweed, and foxtail. MC: invasives

Unit: 184
Acreage: 0.005
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal	Cordgrass, smooth	<5' & 5-30'	no	Landfill		
Deciduous						
Hemicryptophytes						
Level						
Surface water						

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 185
Acreage: 0.013
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 186
Acreage: 0.045
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Geophytes Level Dry/Moist	Knotweed, Japanese	<5' & 5-30'	yes	Landfill		

Comments:

This unit is dominated by Japanese knotweed. This unit is located between Bronx River Avenue and a lagoon. Other species present include: ragweed, bindweed, and milkweed. MC: Japanese knotweed

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 187
Acreage: 0.01
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 188
Acreage: 0.226
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest Deciduous Geophytes Level Dry/Moist	Sycamore maple Cherry, black Knotweed, Japanese Mulberry, white	<5' & 5-30' <5' & 5-30' <5' <5' & 5-30'	yes no yes yes	Landfill		

Comments:

This unit is located between a lagoon and Bronx River Ave. and is bordered by Japanese knotweed and a mugwort field. Other species present include: *Ailanthus*, hackberry, walnut sapling, Japanese honeysuckle, multiflora rose, mugwort, poison ivy, bittersweet nightshade, CSG, lamb's quarters, pokeweed, ragweed, bindweed, Virginia creeper, and black nightshade. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 189
Acreage: 0.022
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 190
Acreage: 0.022
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 191
Acreage: 0.094
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Hemicryptophytes Level Dry/Moist	Mugwort	<5' & 5-30'	yes	Landfill		

Comments:

This unit is herbaceous and dominated by mugwort. It is located between Bronx River Ave. and the rocky shore. Other species present include: Ailanthus, black locust, a fallen black cherry, and multiflora rose.

Unit: 192
Acreage: 0.988
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous Deciduous Slope Dry/Moist	Locust, black Cottonwood, Eastern	5'-30' 5'-30'	yes no		Garden	

Comments:

This unit is Harding Garden. The garden contains various fenced in sections. Other species present include: white mulberry, morning glory, sunflower, a vegetable garden, various ornamental flowers, mugwort, poison ivy, squash, and dandelion.

Soundview Park Entitment Unit Descriptions, Surveyed August 2006

Unit: 193
Acreage: 0.146
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 194
Acreage: 0.112
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Vineland Deciduous Lianas Level Dry/Moist	Hops, Japanese Mugwort	<5' <5'	yes yes	Landfill	Foot traffic	Trash

Comments:

This unit starts at Cornell Ave. and ends at a memorial site dedicated to "Angel". A walkway runs through the unit and a fence borders one side of the unit. Other species present include: *Ailanthus*, smooth sumac, white mulberry, greater ragweed, dock, and Asiatic dayflower. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 195
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>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill	Foot traffic	
Deciduous	Sumac, smooth	<5'	no			
Hemicryptophytes						
Knoll						
Dry/Moist						

Comments:

This unit is located off of a foot path at Cornell Ave. The unit starts at a memorial site and includes the y split at the end of the trail. Other species present include: Ailanthus, pin oak, lamb's quarters, foxtail, Japanese hops, horseweed, common ragweed, Asiatic dayflower, black nightshade, evening primrose, sweet clover, and Phragmites.

Unit: 196
Acreage: 0.061
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Virginia creeper	<5'	no	Landfill		
Deciduous	Marsh-elder	<5'	no			
Lianas						
Slope						
Dry/Moist						

Comments:

This unit is located between ornamentals and a rocky Spartina area. Other species present include: staghorn sumac, black cherry saplings, mugwort, and Phragmites.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 197
Acreage: 0.063
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Slope Dry	Marsh-elder	<5'	no	Landfill	Foot traffic	

Comments:

This unit begins where the Phragmites ends and is on top of a rip rap berm that borders a lagoon and river. Other species present include: Kochia scoparia, common ragweed, poor man's pepper, and seaside goldenrod.

Unit: 198
Acreage: 0.054
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by Spartina alterniflora and located within the lagoon areas of the park.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 199
Acreage: 0.138
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Cedar, northern whit	5'-30'	yes	Landfill		
Deciduous	Rose-of-Sharon	<5'	yes			
Chamaephytes						
Level						
Dry/Moist						

Comments:

This unit is a small ornamental section located on Leland Avenue. A private property sign is posted. Other species present include: crab apple, black cherry, white mulberry, Japanese maple, multiflora rose, and lamb's quarters. MC: possible encroachment

Unit: 200
Acreage: 0.037
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill		
Deciduous	Hops, Japanese	<5'	yes			
Hemicryptophytes	Marsh-elder	<5'	no			
Slope						
Dry/Moist						

Comments:

Unit is bordered by a fence and Spartina. A few dead Ailanthus are in the unit. Other species present include: Norway maple sapling, Ailanthus, honey locust, white mulberry, silver maple, Japanese honeysuckle, Virginia creeper, and black nightshade. MC: invasives

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 201
Acreage: 0.402
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill	Foot traffic	Dumping
Deciduous	Ragweed, common	<5'	no		Vagabond	Trash
Hemicryptophytes	Plantain, English	<5'	yes		Other	
Level						
Dry/Moist						

Comments:

This unit is an herbaceous community dominated by mugwort, ragweed, and English plantain. The following species occur in at least one of these units: Siberian elm, black cherry sapling, fig tree, honey locust, pin oak, Ailanthus, smooth sumac, dandelion, red clover, Phragmites, morning glory, marsh elder, horseweed, foxtail, Portulaca pilosa, seaside goldenrod, CSG, and lamb's quarters. MC: trash, dumping, invasives, and vagabond.

Unit: 202
Acreage: 0.019
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Closed Forest	Cherry, black	5'-30'	no	Landfill		
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes						
Level						
Dry/Moist						

Comments:

This unit is a small closed forest with taller mugwort than its' bordering unit. The unit is located along two property fences and bordered by an herbaceous community. Other species present include: mimosa, hackberry, white mulberry, Ailanthus, multiflora rose, and Virginia creeper.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 203
Acreage: 0.067
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Cool season grass	<5'	yes	Landfill	Vehicle access	Dumping
Deciduous	Mugwort	<5'	yes			
Hemicryptophytes	Clover, red	<5'	yes			
Level						
Dry/Moist						

Comments:

This unit is a previously mowed area. Dumping and parking for the neighboring construction site takes place in this unit. The unit is bordered by a rocky slope, a street, and construction. Other species present include: English plantain, poorman's pepper, Queen Anne's lace, foxtail, ragweed, Ailanthus saplings, dock and poison ivy. MC: dumping and invasives.

Unit: 204
Acreage: 0.203
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill	Foot traffic	Dumping
Deciduous	Ragweed, common	<5'	no		Vehicle access	Trash
Hemicryptophytes	Plantain, English	<5'	yes		Other	
Level						
Dry/Moist						

Comments:

This unit is a herbaceous community dominated by mugwort, ragweed, and English plantain. The following species occur in at least one of these units: Siberian elm, black cherry sapling, fig tree, honey locust, pin oak, Ailanthus, smooth sumac, dandelion, red clover, Phragmites, morning glory, marsh elder, horseweed, foxtail, Portulaca pilosa, seaside goldenrod, CSG, and lamb's quarters. MC: trash, dumping, invasives, and vagabond.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 205
Acreage: 0.012
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 206
Acreage: 0.056
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Scrub Deciduous Chamaephytes Knoll Dry/Moist	Marsh-elder Phragmites Distichlis spicata	<5' <5' <5'	no yes no	Landfill		Trash

Comments:

This unit is a rocky berm that is partially inundated during high tide. The center portion of the unit is predominantly marsh-elder with patches of Phragmites and Distichlis spicata. Large ropes that are anchoring deteriorated boats are attached to the unit. Other species present include: foxtail, seaside goldenrod and Kochia scoparia. MC: Phragmites

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 207
Acreage: 0.006
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Unit: 208
Acreage: 0.009
Mgmt. Concern: No

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Intertidal Deciduous Hemicryptophytes Level Surface water	Cordgrass, smooth	<5' & 5-30'	no	Landfill		

Comments:

This unit is dominated entirely by *Spartina alterniflora* and located within the lagoon areas of the park.

Soundview Park Entitation Unit Descriptions, Surveyed August 2006

Unit: 209
Acreage: 0.491
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Herbaceous	Mugwort	<5'	yes	Landfill	Vehicle access	Dumping
Deciduous	Ragweed, common	<5'	no		Foot traffic	Trash
Hemicryptophytes Level Dry/Moist	Cocklebur	<5'	no		Boat Launch	

Comments:

Unit is two strips of vegetation with a boat launch/ road in the middle. A few scattered trees are in the area. Other species present include: cottonwood, white mulberry, river birch, marsh elder, Kochia scoparia, chicory, foxtail, mugwort, seaside goldenrod, red clover, sweet clover, evening primrose, dandelion, lamb's quarters, poor man's pepper, smartweed, dodder, Phragmites, and orach. MC: dumping, trash, and invasives.

Unit: 210
Acreage: 0.022
Mgmt. Concern: Yes

<u>Site</u>	<u>Species</u>	<u>Height</u>	<u>Exotic</u>	<u>Historical</u>	<u>Uses</u>	<u>Disturbance</u>
Vineland	Hops, Japanese	<5'	yes	Landfill		
Deciduous Lianas Slope Dry/Moist	Honeysuckle, Japan	<5'	yes			

Comments:

This unit is a vineland dominated by Japanese hops and Japanese honeysuckle. It is located along a fence on Leland Avenue. Other species present include: mugwort and marsh elder. MC: invasives.

APPENDICES

APPENDIX I: 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.

APPENDIX II: Species List

Trees

Ailanthus/tree of Heaven	<i>Ailanthus altissima</i>
Atlantic white cedar	<i>Chamaecyparis thyiodes</i>
American elm	<i>Ulmus americana</i>
amur maple	<i>Acer ginnela</i>
ash spp.	<i>Fraxinus</i> spp.
Autumn olive	<i>Elaeagnus umbellata</i>
black birch	<i>Betula lenta</i>
black cherry	<i>Prunus serotina</i>
black locust	<i>Robinia pseudoacacia</i>
boxelder	<i>Acer negundo</i>
catalpa spp.	<i>Catalpa</i> spp.
chestnut oak	<i>Quercus prinus</i>
Chinese scholar tree	<i>Styphnolobium japonicum</i>
common fig	<i>Ficus carica</i>
crab apple	<i>Pyrus prunifolia</i>
crack willow	<i>Salix fragilis</i>
dogwood spp.	<i>Cornacae</i> spp.
eastern cottonwood	<i>Populus deltoides</i>
eastern red cedar	<i>Juniperus virginiana</i>
English holly	<i>Ilex aquifolium</i>
Ginkgo	<i>Ginkgo biloba</i>
goldenrain tree	<i>Koelreuteria paniculata</i>
hackberry	<i>Celtis australis</i>
hawthorn spp.	<i>Crataegus</i> spp.
honey locust	<i>Gleditsia tricanthos</i>
jack pine	<i>Pinus banksiana</i>
Japanese maple	<i>Acer palmatum</i>
Japanese zelkova	<i>Zelkova serrata</i>
littleleaf linden	<i>Tilia cordata</i>
London planetree	<i>Platanus x hybrida</i>
mimosa/silk-tree	<i>Albizia julibrissin</i>
Norway maple	<i>Acer platanoides</i>
pin oak	<i>Quercus palustris</i>
pitch pine	<i>Pinus rigida</i>
red maple	<i>Acer rubrum</i>
red pine	<i>Pinus resinosa</i>
redbud	<i>Cercis canadensis</i>
river birch	<i>Betula nigra</i>
royal pauwlonia	<i>Pauwlonia tomentosa</i>
Russian olive	<i>Elaeagnus angustifolia</i>
Siberian elm	<i>Ulmus pumila</i>
slippery elm	<i>Ulmus rubra</i>
silver maple	<i>Acer saccharinum</i>
sugar maple	<i>Acer saccharum</i>

sycamore maple
walnut spp.
weeping willow
white mulberry
willow oak
white poplar

Acer pseudoplatanus
Juglandaceae spp.
Salix babylonica
Morus alba
Quercus phellos
Populus alba

Shrubs

black raspberry
bush honeysuckle
elderberry
groundsel bush
marsh elder
multiflora rose
privet spp.
rose spp.
Rubus spp.
serviceberry
smooth sumac
staghorn sumac
witchhazel
wineberry
winged sumac
Rhododendron spp.
Yew spp.

Rubus occidentalis
Diervilla lonicera
Caprifoliaceae
Baccharis halimifolia
Iva frutescens
Rosa multiflora
Ligustrum spp.
Rosaceae
Rubus spp.
Amelanchier arborea
Rhus glabra
Rhus typhina
Hamamelis virginiana
Rubus phoenicolsius
Rhus copallinum
Rhododendron spp.
Taxaceae spp.

Herbs

Asiatic dayflower
Aster spp.
Bedstraw
bitter-weed
biennial guara
bouncing bet
blue vervain
Mexican tea / wormseed
chicory
common pliantain
common ragweed
common reed
Crown-vetch
daisy fleabane
dandelion
dock spp.
dogbane
English pliantain
English rye grass

Commelina communis
Aster spp.
Galium aparine
Helenium amarum
Guara biennis
Saponaria officinalis
Verbena hastata
Chenopodium ambrosioides
Cichorium intybus
Plantago major
Ambrosia artemisifolia
Phragmites australis
Coronilla varia
Erigeron annuus
Taraxacum officinale
Rumex spp.
Apocynum spp.
Plantago lanceolata
Lolium perenne

evening lychnis	<i>Lychnis alba</i>
evening primrose	<i>Oenothera biennis</i>
foxtail	<i>Setaria</i> spp.
garlic mustard	<i>Alliaria petiolata</i>
goldenrod spp.	<i>Solidago</i> spp.
goose grass	<i>Eleusine indica</i>
grass spp.	Poaceae
greater ragweed	<i>Ambrosia trifida</i>
glasswort	<i>Salicornia europaea</i>
horseweed	<i>Conyza canadensis</i>
Japanese knotweed	<i>Polygonum cuspidatum</i>
lace-grass	<i>Eragrostis capillaris</i>
lady's thumb	<i>Polygonum persicaria</i>
lamb's quarters	<i>Chenopodium album</i>
many-flowered aster	<i>Aster ericoides</i>
milkweed spp.	Asclepiadaceae
moth mullein	<i>Verbascum blatteria</i>
mugwort	<i>Artemisia vulgaris</i>
mullein spp.	<i>Verbascum</i> spp.
orach	<i>Atriplex patula</i>
orchard grass	<i>Dactylis glomerata</i>
path rush	<i>Juncus tenuis</i>
pigweed	<i>Amaranthus retroflexus</i>
pink purslane	<i>Portulaca pilosa</i>
pokeweed	<i>Phytolacca americana</i>
poor-man's pepper	<i>Lepidium virginicum</i>
purple loosestrife	<i>Lythrum salicaria</i>
Queen Ann's lace	<i>Daucus carota</i>
red clover	<i>Trifolium pratense</i>
rough-fruited cinquefoil	<i>Potentilla recta</i>
rush spp.	<i>Juncus</i> spp.
Saint John's wort	<i>Hypericum perforatum</i>
salt grass	<i>Distichlis spicata</i>
saltmarsh cordgrass	<i>Spartina alterniflora</i>
seaside goldenrod	<i>Solidago sempervirens</i>
sedge spp.	<i>Carex</i> spp.
squirreltail grass	<i>Hordeum jubatum</i>
smartweed	<i>Polygonum cespitosum</i>
spotted knapweed	<i>Centaurea maculosa</i>
summer cypress	<i>Kochia scoparia</i>
sweet white clover	<i>Melilotus alba</i>
thistle spp.	<i>Cirsium</i> spp.
tumble mustard	<i>Sisymbrium altissimum</i>
vervain	<i>Verbena</i> spp.
wormwood	<i>Artemisia absinthium</i>
white snakeroot	<i>Eupatorium rugosum</i>

Vines

bindweed	Convolvulus spp.
bittersweet nightshade	Solanum dulcamara
black nightshade	Solanum nigrum
common morning-glory	Ipomoea purpurea
dodder	Cuscuta gronovii
grape spp.	Vitaceae
Japanese honeysuckle	Lonicera japonica
Japanese hops	Humulus japonicus
oriental bittersweet	Celastrus orbiculatus
poison ivy	Toxicodendron radicans
porcelain-berry	Ampelopsis brevipedunculata
Virginia creeper	Parthenocissus quinquefolia
wild cucumber	Echinocystis lobata