

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
0	Norway Maple	Acer platanoides	ACPL	NO	68 Clinton Ave	Side	Staten Island	Y	60
1	London Plane	Platanus x acerifolia	PLAC	NO	101 Tysen St	Front	Staten Island	Y	132
2	London Plane	Platanus x acerifolia	PLAC	NO	101 Tysen St	Side	Staten Island	Y	520
3	London Plane	Platanus x acerifolia	PLAC	NO	101 Tysen St	Side	Staten Island	Y	520
4	Japanese Zelkova	Zelkova serrata	ZESE	NO	44 Clinton Ave	Front	Staten Island	Y	257
5	Japanese Zelkova	Zelkova serrata	ZESE	NO	44 Clinton Ave	Front	Staten Island	Y	257
6	Japanese Zelkova	Zelkova serrata	ZESE	NO	49 Clinton Ave	Front	Staten Island	Y	23
7	Japanese Zelkova	Zelkova serrata	ZESE	NO	49 Clinton Ave	Front	Staten Island	Y	84
8	Japanese Zelkova	Zelkova serrata	ZESE	NO	49 Clinton Ave	Front	Staten Island	Y	84
9	Ash	Fraxinus pennsylvanica	FRPE	YES	45 Clinton Ave	Front	Staten Island	Y	45
10	Ash	Fraxinus pennsylvanica	FRPE	YES	45 Clinton Ave	Front	Staten Island	Y	177
11	Ash	Fraxinus pennsylvanica	FRPE	YES	45 Clinton Ave	Front	Staten Island	Y	177
12	Magnolia	Magnolia x soulangeana	MASO	NO	67 Clinton Ave	Rear	Staten Island	N	0
13	White Mulberry	Morus alba	MOAL	NO	67 Clinton Ave	Side	Staten Island	N	0
14	London Plane	Platanus x acerifolia	PLAC	NO	49 Clinton Ave	Side	Staten Island	Y	125
15	London Plane	Platanus x acerifolia	PLAC	NO	269 Fillmore St	Front	Staten Island	Y	82
16	London Plane	Platanus x acerifolia	PLAC	NO	269 Fillmore St	Front	Staten Island	Y	24
17	London Plane	Platanus x acerifolia	PLAC	NO	269 Fillmore St	Front	Staten Island	Y	36
18	Flowering Plum	Prunus cerasifera	PRCE	NO	259 Fillmore St	Front	Staten Island	Y	20
19	Flowering Plum	Prunus cerasifera	PRCE	NO	257 Fillmore St	Front	Staten Island	Y	20
20	Callery Pear	Pyrus calleryana	PYCA	NO	245 Fillmore St	Front	Staten Island	Y	64
21	Callery Pear	Pyrus calleryana	PYCA	NO	245 Fillmore St	Front	Staten Island	Y	120
22	Norway Maple	Acer platanoides	ACPL	NO	237 Fillmore St	Front	Staten Island	Y	160
23	Sycamore Maple	Acer pseudoplatanus	ACPS	NO	231 Fillmore St	Front	Staten Island	Y	88
24	Callery Pear	Pyrus calleryana	PYCA	NO	68 Clinton Ave	Front	Staten Island	N	0
25	Black Cherry	Prunus serotina	PRSE1	YES	68 Clinton Ave	Front	Staten Island	N	0
26	Royal Paulownia	Paulownia tomentosa	PATO	NO	68 Clinton Ave	Front	Staten Island	N	0
27	Black Oak	Quercus velutina	QUVE	YES	68 Clinton Ave	Side	Staten Island	N	0
28	Black locust	Robinia pseudoacacia	ROPS	NO	68 Clinton Ave	Side	Staten Island	N	0
29	Silver Maple	Acer saccharinum	ACSA1	YES	72 Clinton Ave	Rear	Staten Island	N	0
30	Silver Maple	Acer saccharinum	ACSA1	YES	72 Clinton Ave	Rear	Staten Island	N	0
31	Sugar Maple	Acer saccharum	ACSA2	YES	72 Clinton Ave	Rear	Staten Island	N	0
32	Sycamore Maple	Acer pseudoplatanus	ACPS	NO	68 Clinton Ave	Rear	Staten Island	N	0
33	Black locust	Robinia pseudoacacia	ROPS	NO	312 Fillmore St	Side	Staten Island	N	0
34	Black locust	Robinia pseudoacacia	ROPS	NO	312 Fillmore St	Side	Staten Island	N	0

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
0	Norway Maple		N	Good	1	50.8	18.3	50	75	262.7	1142.65	61.67	4.35
1	London Plane		N	Good	1	71.1	22.9	112	45	220.7	625.75	27.33	2.84
2	London Plane		N	Good	1	71.1	21.3	112	35	168.1	370.69	16.19	2.21
3	London Plane		N	Good	1	68.6	21.3	94	35	147.8	336.15	14.68	2.28
4	Japanese Zelkova		N	Good	1	7.6	4.9	9	45	5.9	7.07	0.53	1.20
5	Japanese Zelkova		N	Good	1	7.6	3.7	9	30	7.3	4.53	0.34	0.62
6	Japanese Zelkova	Planted	N	Good	1	15.2	7.3	24	85	26.3	84.17	6.25	3.20
7	Japanese Zelkova	Planted	N	Good	1	15.2	6.1	24	70	35.3	82.39	6.12	2.33
8	Japanese Zelkova	Planted	N	Good	1	20.3	9.1	32	85	53.2	194.40	14.44	3.65
9	Ash	Planted	N	Good	1	20.3	9.1	31	65	49.3	165.36	10.79	3.35
10	Ash	Compacted	N	Poor	1	20.3	6.1	24	55	32.2	66.40	4.33	2.06
11	Ash	Compacted	N	Good	1	22.9	8.5	34	70	70.1	225.79	14.73	3.22
12	Magnolia		N	Excellent	1	38.1	9.1	61	90	94.6	360.71	24.10	3.81
13	White Mulberry		N	Good	3	25.5	10.1	29	55	84.3	231.28	16.92	2.74
14	London Plane	Planted	N	Good	1	22.9	11.6	35	60	61.4	270.07	11.79	4.40
15	London Plane	Weeds	N	Good	1	86.4	26.8	134	65	220.7	975.59	42.60	4.42
16	London Plane	Planted	N	Good	1	73.7	26.8	116	30	182.4	355.71	15.53	1.95
17	London Plane	Planted	N	Good	1	73.7	26.8	130	45	197.3	585.98	25.59	2.97
18	Flowering Plum	Planted	N	Excellent	1	15.2	5.8	18	90	21.1	73.87	4.49	3.50
19	Flowering Plum	Planted	N	Good	1	10.2	3.4	20	40	12.3	9.52	0.58	0.77
20	Callery Pear	Planted	N	Good	1	12.7	7.3	15	55	21.1	43.66	3.24	2.07
21	Callery Pear	Planted	N	Excellent	1	20.3	8.5	23	90	45.6	179.89	13.36	3.94
22	Norway Maple	Good	N	Good	1	55.9	14.6	99	55	168.1	443.82	23.95	2.64
23	Sycamore Maple	Good	N	Good	1	45.7	15.8	30	80	147.8	354.58	24.80	2.40
24	Callery Pear		N	Good	1	22.9	10.4	28	65	49.3	194.74	14.47	3.95
25	Black Cherry		N	Good	1	63.5	19.8	125	40	134.9	286.02	22.18	2.12
26	Royal Paulownia		N	Good	1	71.1	21.3	112	40	154.4	314.97	23.40	2.04
27	Black Oak		N	Good	1	35.6	15.8	56	40	74.7	145.39	10.27	1.95
28	Black locust		N	Poor	1	68.6	21.9	108	40	128.7	172.53	9.29	1.34
29	Silver Maple		N	Good	1	104.1	26.5	120	60	298.9	860.74	45.30	2.88
30	Silver Maple		N	Good	1	114.3	29.3	135	65	161.2	660.04	34.74	4.10
31	Sugar Maple		N	Good	1	63.5	23.8	138	80	105.4	531.03	31.99	5.04
32	Sycamore Maple		N	Good	1	35.6	14.0	56	65	122.7	332.38	23.24	2.71
33	Black locust		N	Good	1	20.3	15.8	31	45	45.6	179.66	9.67	3.94
34	Black locust		N	Good	2	27.4	17.1	40	40	45.6	184.19	9.92	4.04

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
0	Norway Maple	678.87	13.78	18.20	0.37	152.66	1329.99	659.95	470.91	349.59
1	London Plane	1499.26	30.43	31.14	0.63	67.64	589.28	292.41	296.61	154.89
2	London Plane	1490.42	30.26	31.01	0.63	40.07	349.09	173.22	194.53	91.76
3	London Plane	1366.67	27.74	29.47	0.60	36.34	316.56	157.08	174.04	83.21
4	Japanese Zelkova	6.62	0.13	1.32	0.03	1.30	11.33	5.62	5.07	2.98
5	Japanese Zelkova	6.47	0.13	1.30	0.03	0.83	7.26	3.60	5.02	1.91
6	Japanese Zelkova	35.13	0.71	3.44	0.07	15.48	134.84	66.91	38.21	35.44
7	Japanese Zelkova	34.63	0.70	3.41	0.07	15.15	131.99	65.50	42.20	34.69
8	Japanese Zelkova	70.72	1.44	5.17	0.10	35.75	311.44	154.54	84.40	81.86
9	Ash	48.55	0.99	2.76	0.06	26.70	232.59	115.41	73.85	61.14
10	Ash	34.53	0.70	1.56	0.03	10.72	93.40	46.35	35.89	24.55
11	Ash	55.84	1.13	2.88	0.06	36.45	317.59	157.59	102.23	83.48
12	Magnolia	315.90	6.41	12.37	0.25	59.65	519.72	257.89	154.52	136.61
13	White Mulberry	122.40	2.48	7.12	0.14	41.88	364.85	181.04	111.02	95.90
14	London Plane	95.46	1.94	6.17	0.13	29.19	254.33	126.20	110.94	66.85
15	London Plane	2414.66	49.02	41.30	0.84	105.45	918.74	455.89	400.27	241.49
16	London Plane	1654.16	33.58	33.07	0.67	38.45	334.98	166.22	197.29	88.05
17	London Plane	1654.16	33.58	33.07	0.67	63.34	551.83	273.82	273.02	145.05
18	Flowering Plum	41.39	0.84	4.15	0.08	11.11	96.78	48.03	32.51	25.44
19	Flowering Plum	15.41	0.31	2.35	0.05	1.43	12.48	6.19	9.03	3.28
20	Callery Pear	22.85	0.46	2.69	0.05	8.03	69.94	34.71	23.56	18.38
21	Callery Pear	70.31	1.43	5.15	0.10	33.08	288.20	143.01	76.28	75.75
22	Norway Maple	801.80	16.28	19.83	0.40	59.29	516.59	256.33	216.20	135.78
23	Sycamore Maple	525.42	10.67	15.71	0.32	61.38	534.74	265.34	179.50	140.56
24	Callery Pear	94.48	1.92	6.13	0.12	35.81	311.97	154.80	82.55	82.00
25	Black Cherry	1418.26	28.79	33.56	0.68	54.91	478.34	237.36	152.71	125.73
26	Royal Paulownia	1490.42	30.26	31.01	0.63	57.92	504.59	250.38	171.11	132.63
27	Black Oak	392.01	7.96	17.37	0.35	25.43	221.58	109.95	80.72	58.24
28	Black locust	1369.98	27.81	22.40	0.45	22.99	200.31	99.39	115.96	52.65
29	Silver Maple	2979.69	60.49	35.50	0.72	112.14	976.96	484.78	405.60	256.80
30	Silver Maple	3791.69	76.97	41.11	0.83	85.99	749.16	371.74	276.77	196.92
31	Sugar Maple	1327.12	26.94	29.54	0.60	79.18	689.87	342.32	210.43	181.33
32	Sycamore Maple	297.72	6.04	11.41	0.23	57.54	501.26	248.73	160.28	131.76
33	Black locust	75.04	1.52	5.40	0.11	23.94	208.58	103.50	76.21	54.83
34	Black locust	151.91	3.08	8.14	0.17	24.55	213.84	106.11	77.55	56.21

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
0	Norway Maple	2963.09	0.15	8.98	4.46	2.12	0.58	16.28	3.43	240.90	263.41
1	London Plane	1400.82	0.06	3.98	1.97	1.34	0.26	7.61	1064.50	6.67	116.71
2	London Plane	848.66	0.04	2.36	1.17	0.88	0.15	4.59	630.61	3.95	69.14
3	London Plane	767.21	0.03	2.14	1.06	0.78	0.14	4.15	571.84	3.58	62.69
4	Japanese Zelkova	26.31	0.00	0.08	0.04	0.02	0.00	0.14	0.03	0.26	2.25
5	Japanese Zelkova	18.63	0.00	0.05	0.02	0.02	0.00	0.10	0.02	0.16	1.44
6	Japanese Zelkova	290.88	0.01	0.91	0.45	0.17	0.06	1.61	0.35	3.05	26.71
7	Japanese Zelkova	289.54	0.01	0.89	0.44	0.19	0.06	1.60	0.34	2.99	26.14
8	Japanese Zelkova	667.99	0.03	2.10	1.04	0.38	0.14	3.70	0.80	7.05	61.68
9	Ash	509.68	0.03	1.57	0.78	0.33	0.10	2.81	0.60	2.63	46.06
10	Ash	210.90	0.01	0.63	0.31	0.16	0.04	1.16	0.24	1.06	18.50
11	Ash	697.35	0.04	2.14	1.06	0.46	0.14	3.84	0.82	3.60	62.90
12	Magnolia	1128.39	0.06	3.51	1.74	0.70	0.23	6.23	1.34	176.51	102.93
13	White Mulberry	794.69	0.04	2.46	1.22	0.50	0.16	4.39	0.94	8.26	72.26
14	London Plane	587.52	0.03	1.72	0.85	0.50	0.11	3.21	459.44	2.88	50.37
15	London Plane	2121.84	0.10	6.20	3.08	1.80	0.40	11.59	1659.65	10.40	181.96
16	London Plane	824.99	0.04	2.26	1.12	0.89	0.15	4.46	605.12	3.79	66.34
17	London Plane	1307.07	0.06	3.73	1.85	1.23	0.24	7.11	996.85	6.25	109.29
18	Flowering Plum	213.87	0.01	0.65	0.32	0.15	0.04	1.18	0.25	1.10	19.17
19	Flowering Plum	32.42	0.00	0.08	0.04	0.04	0.01	0.17	0.03	0.14	2.47
20	Callery Pear	154.62	0.01	0.47	0.23	0.11	0.03	0.85	0.00	0.00	13.85
21	Callery Pear	616.31	0.03	1.95	0.97	0.34	0.13	3.41	0.00	0.00	57.08
22	Norway Maple	1184.19	0.06	3.49	1.73	0.97	0.22	6.47	1.33	93.57	102.31
23	Sycamore Maple	1181.51	0.06	3.61	1.79	0.81	0.23	6.50	1.38	96.86	105.91
24	Callery Pear	667.14	0.03	2.11	1.05	0.37	0.14	3.69	0.00	0.00	61.79
25	Black Cherry	1049.05	0.05	3.23	1.60	0.69	0.21	5.78	1.23	5.42	94.74
26	Royal Paulownia	1116.63	0.06	3.41	1.69	0.77	0.22	6.14	0.00	0.00	99.93
27	Black Oak	495.93	0.02	1.50	0.74	0.36	0.10	2.72	400.27	5.02	43.88
28	Black locust	491.30	0.02	1.35	0.67	0.52	0.09	2.66	361.84	4.54	39.67
29	Silver Maple	2236.27	0.11	6.60	3.27	1.83	0.42	12.23	2.52	176.96	193.49
30	Silver Maple	1680.58	0.08	5.06	2.51	1.25	0.33	9.22	1.93	135.70	148.37
31	Sugar Maple	1503.14	0.08	4.66	2.31	0.95	0.30	8.29	1.78	124.96	136.63
32	Sycamore Maple	1099.55	0.06	3.38	1.68	0.72	0.22	6.06	1.29	90.79	99.27
33	Black locust	467.05	0.02	1.41	0.70	0.34	0.09	2.56	376.79	4.72	41.31
34	Black locust	478.26	0.02	1.44	0.72	0.35	0.09	2.63	386.30	4.84	42.35

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
0	Norway Maple	507.74	3695.00	6/21/2002	lal	
1	London Plane	1187.88	7805.00	6/22/2002	Lenny	planted continuous strip
2	London Plane	703.70	7805.00	6/22/2002	semanchik	planted continuous strip
3	London Plane	638.12	7285.00	6/22/2002	Lenny	planted continuous strip
4	Japanese Zelkova	2.53	248.00	6/22/2002	rs	planted continuous strip
5	Japanese Zelkova	1.62	248.00	6/22/2002	C. Ellison	planted continuous strip
6	Japanese Zelkova	30.11	754.00	7/7/2002	christine e, anna m	
7	Japanese Zelkova	29.47	754.00	7/7/2002	christine e, anna m	
8	Japanese Zelkova	69.54	1036.00	7/7/2002	christine e, anna m	shared pit w/front 2
9	Ash	49.30	975.00	7/7/2002	christine e, anna m	
10	Ash	19.80	636.00	7/7/2002	christine e, anna m	shared pit
11	Ash	67.32	1125.00	7/7/2002	christine e, anna m	shared pit w/front 2
12	Magnolia	280.78	2797.00	7/7/2002	christine e, anna m	lawn/backyard
13	White Mulberry	81.46	1200.00	7/7/2002	christine e, anna m	lawn/frontyard, white mulberry
14	London Plane	512.69	1166.00	7/8/2002	Lenny	
15	London Plane	1852.00	11005.00	7/8/2002	george, dave	roots over growing pit
16	London Plane	675.26	8343.00	7/8/2002	george, dave	roots over growing pit
17	London Plane	1112.39	8343.00	7/8/2002	george, dave	roots over growing pit
18	Flowering Plum	20.51	740.00	7/8/2002	george, dave	
19	Flowering Plum	2.65	331.00	7/8/2002	george, dave	
20	Callery Pear	13.85	621.00	7/8/2002	george, dave	
21	Callery Pear	57.08	966.00	7/8/2002	george, dave	
22	Norway Maple	197.21	4382.00	7/8/2002	george, dave	roots over growing pit
23	Sycamore Maple	204.14	2491.00	7/8/2002	Lenny, Dave	girdling roots
24	Callery Pear	61.79	1048.00	7/16/2002	Chris	in lawn
25	Black Cherry	101.39	5153.00	7/16/2002	Chris	in lawn
26	Royal Paulownia	99.93	4420.00	7/16/2002	Chris	in lawn
27	Black Oak	449.18	2139.00	7/16/2002	Chris	in lawn
28	Black locust	406.05	3583.00	7/16/2002	Chris	in lawn
29	Silver Maple	372.97	8110.00	7/16/2002	Chris	backyard
30	Silver Maple	286.00	9149.00	7/16/2002	Chris	backyard
31	Sugar Maple	263.37	7837.00	7/16/2002	Chris	backyard
32	Sycamore Maple	191.36	1685.00	7/16/2002	Chris	backyard
33	Black locust	422.82	885.00	7/16/2002	Chris	in lawn
34	Black locust	433.49	1245.00	7/16/2002	Chris	in lawn

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
35	Japanese Flowering Cherry	Prunus serrulata	PRSE	NO	312 Fillmore St	Side	Staten Island	N	0
36	Japanese Flowering Cherry	Prunus serrulata	PRSE	NO	312 Fillmore St	Side	Staten Island	N	0
37	Japanese Maple	Acer palmatum	ACPA	NO	312 Fillmore St	Side	Staten Island	N	0
38	Gray Birch	Betula populifolia	BEPO	YES	312 Fillmore St	Side	Staten Island	N	0
39	Apple	Malus species	MA2	NO	312 Fillmore St	Side	Staten Island	N	0
40	American Holly	Ilex opaca	ILOP	YES	312 Fillmore St	Side	Staten Island	N	0
41	American Holly	Ilex opaca	ILOP	YES	312 Fillmore St	Side	Staten Island	N	0
42	Norway Maple	Acer platanoides	ACPL	NO	312 Fillmore St	Side	Staten Island	N	0
43	Eastern Hemlock	Tsuga canadensis	TSCA	YES	312 Fillmore St	Side	Staten Island	N	0
44	Honeylocust	Gleditsia triacanthos	GLTR	NO	44 Clinton Ave	Side	Staten Island	N	0
45	Silver Maple	Acer saccharinum	ACSA1	YES	44 Clinton Ave	Side	Staten Island	N	0
46	Balsam Fir	Abies balsamea	ABBA	YES	44 Clinton Ave	Side	Staten Island	N	0
47	Red Mulberry	Morus rubra	MORU	YES	44 Clinton Ave	Rear	Staten Island	N	0
48	Silver Maple	Acer saccharinum	ACSA1	YES	312 Fillmore St	Side	Staten Island	N	0
49	Eastern White Pine	Pinus strobus	PIST	YES	312 Fillmore St	Side	Staten Island	N	0
50	Eastern Hemlock	Tsuga canadensis	TSCA	YES	312 Fillmore St	Side	Staten Island	N	0
51	Eastern Hemlock	Tsuga canadensis	TSCA	YES	312 Fillmore St	Side	Staten Island	N	0
52	London Plane	Platanus x acerifolia	PLAC	NO	113 Tysen St	Front	Staten Island	Y	36
53	London Plane	Platanus x acerifolia	PLAC	NO	107 Fillmore St	Front	Staten Island	Y	192
54	London Plane	Platanus x acerifolia	PLAC	NO	117 Tysen St	Front	Staten Island	Y	62
55	Common Horsechestnut	Aesculus hippocastanum	AEHI	NO	117 Tysen St	Rear	Staten Island	N	0
56	Silver Maple	Acer saccharinum	ACSA1	YES	76 Clinton Ave	Rear	Staten Island	N	0
57	Silver Maple	Acer saccharinum	ACSA1	YES	117 Tysen St	Rear	Staten Island	N	0
58	Black Cherry	Prunus serotina	PRSE1	YES	72 Clinton Ave	Front	Staten Island	N	0
59	Norway Maple	Acer platanoides	ACPL	NO	75 Clinton Ave	Front	Staten Island	N	0
60	Blue Spruce	Picea pungens	PIPU	NO	75 Clinton Ave	Front	Staten Island	N	0
61	Common Horsechestnut	Aesculus hippocastanum	AEHI	NO	75 Clinton Ave	Front	Staten Island	N	0
62	Black Cherry	Prunus serotina	PRSE1	YES	75 Clinton Ave	Front	Staten Island	N	0
64	Flowering Dogwood	Cornus florida	COFL	YES	76 Clinton Ave	Front	Staten Island	N	0
65	Magnolia	Magnolia x soulangeana	MASO	NO	76 Clinton Ave	Front	Staten Island	N	0
66	Silver Maple	Acer saccharinum	ACSA1	YES	76 Clinton Ave	Rear	Staten Island	N	0
67	American Elm	Ulmus americana	ULAM	YES	80 Clinton Ave	Front	Staten Island	N	0
68	Mulberry	Morus species	MO	NO	80 Clinton Ave	Front	Staten Island	N	0
69	Callery Pear	Pyrus calleryana	PYCA	NO	94 Clinton Ave	Front	Staten Island	Y	160
70	Callery Pear	Pyrus calleryana	PYCA	NO	94 Clinton Ave	Front	Staten Island	Y	160

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
35	Japanese Flowering Cherry		N	Good	2	69.3	15.8	108	50	116.7	315.21	24.45	2.70
36	Japanese Flowering Cherry		N	Good	2	27.4	12.2	38	50	21.1	100.97	7.83	4.79
37	Japanese Maple		N	Good	5	23.3	6.1	9	30	42.0	57.34	3.23	1.36
38	Gray Birch		N	Good	5	38.0	12.2	38	45	79.5	161.69	9.60	2.03
39	Apple		N	Good	5	50.7	11.6	64	50	49.3	199.41	17.19	4.04
40	American Holly		N	Good	5	25.8	5.5	20	90	18.7	61.79	8.26	3.31
41	American Holly		N	Good	5	27.1	5.2	23	90	12.3	38.83	5.19	3.15
42	Norway Maple		N	Good	5	32.0	12.8	40	45	38.6	132.28	7.14	3.43
43	Eastern Hemlock		N	Poor	5	28.6	9.8	29	10	10.5	11.65	1.08	1.11
44	Honeylocust		N	Good	1	58.4	17.1	92	50	271.5	230.78	24.17	0.85
45	Silver Maple		N	Good	1	22.9	15.2	27	75	89.4	382.11	20.11	4.28
46	Balsam Fir		N	Good	1	7.6	4.6	20	55	10.5	38.47	4.01	3.66
47	Red Mulberry		N	Good	1	17.8	12.2	28	65	42.0	213.54	21.21	5.08
48	Silver Maple		N	Good	1	43.2	17.1	50	70	70.1	284.69	14.98	4.06
49	Eastern White Pine		N	Good	1	50.8	19.5	100	80	74.7	376.57	24.22	5.04
50	Eastern Hemlock		N	Poor	1	15.2	12.2	30	20	7.3	11.20	1.04	1.54
51	Eastern Hemlock		N	Poor	1	25.4	13.7	38	30	18.7	49.55	4.60	2.65
52	London Plane		N	Good	1	88.9	27.4	138	35	237.1	564.22	24.64	2.38
53	London Plane		N	Good	1	68.6	24.4	106	30	161.2	319.14	13.94	1.98
54	London Plane		N	Poor	1	53.3	19.5	82	25	147.8	107.95	4.71	0.73
55	Common Horsechestnut		N	Excellent	1	101.6	27.4	320	70	289.6	1459.60	102.07	5.04
56	Silver Maple		N	Good	1	61.0	21.9	70	65	84.3	307.03	16.16	3.64
57	Silver Maple		N	Good	1	40.6	20.4	62	55	111.0	255.77	13.46	2.30
58	Black Cherry		N	Poor	1	66.0	15.8	130	35	182.4	229.84	17.82	1.26
59	Norway Maple		N	Good	1	17.8	12.2	29	70	45.6	364.41	19.67	7.99
60	Blue Spruce		N	Good	1	17.8	6.1	32	75	10.5	59.59	10.11	5.67
61	Common Horsechestnut		N	Good	1	68.6	16.5	216	65	182.4	758.85	53.07	4.16
62	Black Cherry		N	Good	1	17.8	9.1	35	50	35.3	104.25	8.08	2.95
64	Flowering Dogwood		N	Good	2	16.3	5.5	38	40	26.3	39.52	2.30	1.50
65	Magnolia		N	Good	3	36.0	12.2	42	85	57.2	335.34	22.41	5.86
66	Silver Maple		N	Good	3	60.3	25.9	66	50	84.3	244.61	12.87	2.90
67	American Elm		N	Excellent	3	79.5	27.4	120	80	289.6	1552.27	112.89	5.36
68	Mulberry		N	Good	3	99.2	17.1	152	65	262.7	392.70	33.08	1.50
69	Callery Pear		N	Good	3	24.9	4.9	10	75	7.3	17.05	1.27	2.34
70	Callery Pear		N	Good	3	24.9	4.9	10	75	7.3	17.05	1.27	2.34

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
35	Japanese Flowering Cherry	1758.36	35.69	38.09	0.77	60.51	527.17	261.59	152.21	138.57
36	Japanese Flowering Cherry	180.55	3.67	10.01	0.20	19.38	168.86	83.79	40.54	44.38
37	Japanese Maple	102.55	2.08	6.17	0.13	7.99	69.60	34.54	38.16	18.30
38	Gray Birch	386.38	7.84	15.45	0.31	23.77	207.09	102.76	87.94	54.43
39	Apple	636.31	12.92	18.69	0.38	42.55	370.72	183.96	83.94	97.44
40	American Holly	123.84	2.51	7.01	0.14	20.45	178.13	88.39	27.72	46.82
41	American Holly	137.85	2.80	7.52	0.15	12.85	111.94	55.55	17.72	29.42
42	Norway Maple	233.19	4.73	9.94	0.20	17.67	153.97	76.40	58.64	40.47
43	Eastern Hemlock	103.98	2.11	3.94	0.08	2.68	23.33	11.58	8.74	6.13
44	Honeylocust	915.69	18.59	23.23	0.47	59.82	521.14	258.59	205.15	136.98
45	Silver Maple	142.99	2.90	7.03	0.14	49.78	433.71	215.21	158.25	114.00
46	Balsam Fir	8.69	0.18	1.21	0.02	9.92	86.42	42.88	16.69	22.72
47	Red Mulberry	53.15	1.08	4.40	0.09	52.50	457.36	226.95	84.45	120.22
48	Silver Maple	462.09	9.38	12.54	0.25	37.09	323.13	160.34	119.68	84.93
49	Eastern White Pine	338.34	6.87	9.64	0.20	59.95	522.25	259.15	149.22	137.27
50	Eastern Hemlock	24.36	0.49	1.73	0.04	2.58	22.44	11.13	7.00	5.90
51	Eastern Hemlock	80.29	1.63	3.36	0.07	11.39	99.25	49.25	24.09	26.09
52	London Plane	2592.51	52.63	43.08	0.87	60.99	531.34	263.65	286.61	139.66
53	London Plane	1383.16	28.08	29.73	0.60	34.50	300.54	149.13	175.76	79.00
54	London Plane	745.71	15.14	15.64	0.32	11.67	101.66	50.44	106.42	26.72
55	Common Horsechestnut	3564.83	72.37	51.97	1.05	252.65	2201.17	1092.24	578.39	578.58
56	Silver Maple	1025.05	20.81	19.89	0.40	40.00	348.49	172.92	133.47	91.60
57	Silver Maple	485.38	9.85	13.66	0.28	33.32	290.31	144.05	131.70	76.31
58	Black Cherry	1561.16	31.69	26.94	0.55	44.12	384.39	190.74	160.00	101.04
59	Norway Maple	65.32	1.33	4.94	0.10	48.69	424.15	210.47	130.95	111.49
60	Blue Spruce	47.94	0.97	3.45	0.07	25.03	218.03	108.19	22.95	57.31
61	Common Horsechestnut	1339.79	27.20	29.04	0.59	131.36	1144.39	567.86	316.75	300.80
62	Black Cherry	62.89	1.28	5.41	0.11	20.01	174.34	86.51	48.68	45.83
64	Flowering Dogwood	43.25	0.88	3.96	0.08	5.68	49.52	24.57	24.98	13.02
65	Magnolia	281.59	5.72	11.59	0.24	55.46	483.17	239.76	128.18	127.00
66	Silver Maple	1158.88	23.53	22.27	0.45	31.87	277.64	137.77	114.97	72.98
67	American Elm	1607.86	32.64	29.73	0.60	279.45	2434.61	1208.07	605.85	639.94
68	Mulberry	3253.89	66.05	49.02	1.00	81.89	713.48	354.04	248.69	187.54
69	Callery Pear	110.17	2.24	6.65	0.13	3.14	27.32	13.55	8.73	7.18
70	Callery Pear	110.17	2.24	6.65	0.13	3.14	27.32	13.55	8.73	7.18

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
35	Japanese Flowering Cherry	1140.04	0.06	3.56	1.77	0.69	0.23	6.30	1.36	5.97	104.41
36	Japanese Flowering Cherry	356.95	0.02	1.14	0.57	0.18	0.07	1.98	0.44	1.91	33.44
37	Japanese Maple	168.59	0.01	0.47	0.23	0.17	0.03	0.91	0.18	12.61	13.79
38	Gray Birch	475.99	0.02	1.40	0.69	0.40	0.09	2.60	0.53	4.69	41.01
39	Apple	778.61	0.04	2.50	1.24	0.38	0.16	4.33	0.00	0.00	73.42
40	American Holly	361.51	0.02	1.20	0.60	0.13	0.08	2.02	0.49	4.83	42.28
41	American Holly	227.48	0.01	0.76	0.38	0.08	0.05	1.27	0.31	3.04	26.57
42	Norway Maple	347.16	0.02	1.04	0.52	0.26	0.07	1.90	0.40	27.89	30.49
43	Eastern Hemlock	52.46	0.00	0.16	0.08	0.04	0.01	0.29	0.06	0.63	5.54
44	Honeylocust	1181.68	0.06	3.52	1.75	0.92	0.23	6.47	1.35	11.80	103.21
45	Silver Maple	970.95	0.05	2.93	1.45	0.71	0.19	5.33	1.12	78.56	85.90
46	Balsam Fir	178.62	0.01	0.58	0.29	0.08	0.04	1.00	0.24	35.17	20.51
47	Red Mulberry	941.47	0.05	3.09	1.53	0.38	0.20	5.25	1.18	10.36	90.58
48	Silver Maple	725.17	0.04	2.18	1.08	0.54	0.14	3.98	0.83	58.53	64.00
49	Eastern White Pine	1127.84	0.06	3.53	1.75	0.67	0.23	6.23	1.43	212.56	123.95
50	Eastern Hemlock	49.04	0.00	0.15	0.08	0.03	0.01	0.27	0.06	0.61	5.33
51	Eastern Hemlock	210.08	0.01	0.67	0.33	0.11	0.04	1.17	0.27	2.69	23.56
52	London Plane	1282.25	0.06	3.59	1.78	1.29	0.23	6.95	959.83	6.02	105.23
53	London Plane	738.93	0.03	2.03	1.01	0.79	0.13	3.99	542.91	3.40	59.52
54	London Plane	296.91	0.01	0.69	0.34	0.48	0.04	1.56	183.64	1.15	20.13
55	Common Horsechestnut	4703.03	0.24	14.86	7.37	2.61	0.96	26.04	5.68	398.70	435.94
56	Silver Maple	786.47	0.04	2.35	1.17	0.60	0.15	4.31	0.90	63.12	69.02
57	Silver Maple	675.68	0.03	1.96	0.97	0.59	0.13	3.68	0.75	52.58	57.50
58	Black Cherry	880.29	0.04	2.60	1.29	0.72	0.17	4.81	0.99	4.35	76.13
59	Norway Maple	925.74	0.05	2.86	1.42	0.59	0.18	5.11	1.10	76.83	84.00
60	Blue Spruce	431.50	0.02	1.47	0.73	0.10	0.09	2.42	83.59	88.74	51.75
61	Common Horsechestnut	2461.16	0.13	7.73	3.83	1.43	0.50	13.61	2.95	207.29	226.65
62	Black Cherry	375.37	0.02	1.18	0.58	0.22	0.08	2.08	0.45	1.97	34.53
64	Flowering Dogwood	117.77	0.01	0.33	0.17	0.11	0.02	0.64	0.13	8.97	9.81
65	Magnolia	1033.57	0.05	3.26	1.62	0.58	0.21	5.72	1.25	164.10	95.69
66	Silver Maple	635.22	0.03	1.87	0.93	0.52	0.12	3.47	0.72	50.29	54.99
67	American Elm	5167.91	0.27	16.44	8.16	2.73	1.06	28.65	6.28	27.56	482.18
68	Mulberry	1585.64	0.08	4.82	2.39	1.12	0.31	8.72	1.84	16.15	141.31
69	Callery Pear	59.91	0.00	0.18	0.09	0.04	0.01	0.33	0.00	0.00	5.41
70	Callery Pear	59.91	0.00	0.18	0.09	0.04	0.01	0.33	0.00	0.00	5.41

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
35	Japanese Flowering Cherry	111.74	6059.00	7/16/2002	Chris	in lawn
36	Japanese Flowering Cherry	35.79	1308.00	7/16/2002	Chris	in lawn
37	Japanese Maple	26.57	1066.00	7/16/2002	Chris	in lawn
38	Gray Birch	46.24	2156.00	7/16/2002	Chris	in lawn
39	Apple	73.42	3471.00	7/16/2002	Chris	in lawn
40	American Holly	47.60	1215.00	7/16/2002	Chris	in lawn
41	American Holly	29.91	1299.00	7/16/2002	Chris	in lawn
42	Norway Maple	58.78	1723.00	7/16/2002	Chris	in lawn
43	Eastern Hemlock	6.23	908.00	7/16/2002	Chris	in lawn
44	Honeylocust	116.36	5397.00	7/21/2002	Mark, Chris	in lawn
45	Silver Maple	165.57	880.00	7/21/2002	Mark, Chris, Ruthann	in lawn
46	Balsam Fir	55.92	155.00	7/21/2002	Mark, Chris, Ruthann	in lawn
47	Red Mulberry	102.12	804.00	7/21/2002	Mark, Chris, Ruthann	in lawn
48	Silver Maple	123.36	1927.00	7/21/2002	Mark, Chris	in lawn
49	Eastern White Pine	337.94	4420.00	7/21/2002	Mark, Chris	in lawn
50	Eastern Hemlock	6.00	459.00	7/21/2002	Mark, Chris	in lawn, very close to adjacent tree
51	Eastern Hemlock	26.52	775.00	7/21/2002	Mark, Chris	close to adjacent tree
52	London Plane	1071.08	11560.00	7/21/2002	Mark, Chris	roots over growing pit, asphalt in pit
53	London Plane	605.84	7285.00	7/21/2002	Mark, Chris	grass in pit
54	London Plane	204.92	2980.00	7/21/2002	Mark, Chris	over growing roots, sidewalk heaving, pit shared
55	Common Horsechestnut	840.33	11129.00	7/21/2002	Mark, Chris	backyard
56	Silver Maple	133.04	3373.00	7/21/2002	Mark, Chris	backyard
57	Silver Maple	110.83	1761.00	7/21/2002	Mark, Chris	in lawn
58	Black Cherry	81.47	3614.00	7/7/2002	christine e, anna m	
59	Norway Maple	161.93	822.00	7/7/2002	M. Spiritus, S. Magid	
60	Blue Spruce	224.07	843.00	7/7/2002	M. Spiritus, S. Magid	
61	Common Horsechestnut	436.89	5490.00	7/7/2002	M. Spiritus, S. Magid	
62	Black Cherry	36.95	801.00	7/7/2002	M. Spiritus, S. Magid	
64	Flowering Dogwood	18.90	743.00	8/2/2002	Chris, Lenny	in lawn
65	Magnolia	261.04	2416.00	8/2/2002	Chris, Lenny	in lawn
66	Silver Maple	105.99	3312.00	8/2/2002	Chris, Lenny	in lawn
67	American Elm	516.02	6838.00	8/2/2002	Chris, Lenny	in lawn
68	Mulberry	159.30	11179.00	8/2/2002	Chris, Lenny	in lawn
69	Callery Pear	5.41	1162.00	8/2/2002	Chris, Lenny	shared pit, planted
70	Callery Pear	5.41	1162.00	8/2/2002	Chris, Lenny	shared pit, planted

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
71	Callery Pear	Pyrus calleryana	PYCA	NO	94 Clinton Ave	Front	Staten Island	Y	160
72	Norway Spruce	Picea abies	PIAB	NO	94 Clinton Ave	Front	Staten Island	N	0
73	Silver Maple	Acer saccharinum	ACSA1	YES	185 Cassidy Pl	Side	Staten Island	Y	180
74	Pin Oak	Quercus palustris	QUPA	YES	185 Cassidy Pl	Side	Staten Island	Y	120
75	Littleleaf Linden	Tilia cordata	TICO	NO	185 Cassidy Pl	Side	Staten Island	Y	120
76	Norway Maple	Acer platanoides	ACPL	NO	185 Cassidy Pl	Front	Staten Island	Y	210
77	Ginkgo	Ginkgo biloba	GIBI	NO	185 Cassidy Pl	Front	Staten Island	Y	210
78	Sweetgum	Liquidambar styraciflua	LIST	YES	185 Cassidy Pl	Front	Staten Island	Y	100
79	Sweetgum	Liquidambar styraciflua	LIST	YES	185 Cassidy Pl	Front	Staten Island	Y	100
80	Sycamore Maple	Acer pseudoplatanus	ACPS	NO	185 Cassidy Pl	Front	Staten Island	Y	240
81	Willow Oak	Quercus phellos	QUPH	YES	185 Cassidy Pl	Front	Staten Island	Y	240
82	Littleleaf Linden	Tilia cordata	TICO	NO	141 Tysen St	Side	Staten Island	Y	560
83	Littleleaf Linden	Tilia cordata	TICO	NO	141 Tysen St	Side	Staten Island	Y	560
84	London Plane	Platanus x acerifolia	PLAC	NO	141 Tysen St	Front	Staten Island	Y	150
85	London Plane	Platanus x acerifolia	PLAC	NO	141 Cassidy Pl	Front	Staten Island	Y	150
86	Honeylocust	Gleditsia triacanthos	GLTR	NO	120 Clinton Ave	Across	Staten Island	Y	100
87	Honeylocust	Gleditsia triacanthos	GLTR	NO	120 Clinton Ave	Across	Staten Island	Y	420
88	Honeylocust	Gleditsia triacanthos	GLTR	NO	144 Clinton Ave	Front	Staten Island	Y	300
89	Japanese Zelkova	Zelkova serrata	ZESE	NO	144 Clinton Ave	Front	Staten Island	Y	60
90	Japanese Zelkova	Zelkova serrata	ZESE	NO	144 Clinton Ave	Front	Staten Island	Y	760
91	Honeylocust	Gleditsia triacanthos	GLTR	NO	160 Clinton Ave	Front	Staten Island	Y	760
92	Norway Maple	Acer platanoides	ACPL	NO	163 Clinton Ave	Front	Staten Island	Y	120
93	Norway Maple	Acer platanoides	ACPL	NO	163 Clinton Ave	Front	Staten Island	Y	90
94	London Plane	Platanus x acerifolia	PLAC	NO	153 Clinton Ave	Front	Staten Island	N	0
95	European Beech	Fagus sylvatica	FASY	NO	145 Clinton Ave	Front	Staten Island	N	0
96	Tree of Heaven	Ailanthus altissima	AIAL	NO	145 Clinton Ave	Front	Staten Island	N	0
97	Norway Maple	Acer platanoides	ACPL	NO	145 Clinton Ave	Front	Staten Island	N	0
98	Sassafras	Sassafras albidum	SAAL	YES	145 Clinton Ave	Front	Staten Island	N	0
99	Tree of Heaven	Ailanthus altissima	AIAL	NO	145 Clinton Ave	Side	Staten Island	N	0
100	Norway Maple	Acer platanoides	ACPL	NO	145 Clinton Ave	Front	Staten Island	N	0
101	Black Cherry	Prunus serotina	PRSE1	YES	145 Clinton Ave	Front	Staten Island	N	0
102	Norway Maple	Acer platanoides	ACPL	NO	145 Clinton Ave	Side	Staten Island	N	0
103	London Plane	Platanus x acerifolia	PLAC	NO	77 Tysen St	Across	Staten Island	Y	112
104	London Plane	Platanus x acerifolia	PLAC	NO	75 Tysen St	Across	Staten Island	Y	112
105	London Plane	Platanus x acerifolia	PLAC	NO	71 Tysen St	Across	Staten Island	Y	112

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
71	Callery Pear		N	Good	3	24.9	4.9	10	75	8.8	19.88	1.48	2.25
72	Norway Spruce		N	Good	3	44.4	13.4	50	85	65.7	643.60	107.27	9.80
73	Silver Maple		N	Poor	3	38.9	17.1	38	35	94.6	178.73	9.41	1.89
74	Pin Oak		N	Good	3	41.0	14.6	42	35	74.7	116.75	10.57	1.56
75	Littleleaf Linden		N	Poor	3	36.7	9.8	36	40	79.5	195.28	14.63	2.46
76	Norway Maple	Fair	N	Poor	1	22.9	8.5	38	40	23.6	62.18	3.36	2.63
77	Ginkgo	Fair	N	Good	1	25.4	12.2	38	40	35.3	79.26	3.49	2.24
78	Sweetgum	Compacted	N	Good	1	30.5	14.6	46	40	38.6	124.44	5.71	3.22
79	Sweetgum	Compacted	N	Good	1	30.5	17.1	48	45	49.3	197.65	9.07	4.01
80	Sycamore Maple	Compacted	N	Good	1	35.6	16.8	40	70	116.7	371.66	25.99	3.18
81	Willow Oak	Compacted	N	Good	1	55.9	19.5	88	55	168.1	388.34	34.45	2.31
82	Littleleaf Linden	Planted	N	Good	1	43.2	21.9	51	65	79.5	408.03	30.56	5.14
83	Littleleaf Linden	Planted	N	Good	1	73.7	20.7	85	75	141.3	385.15	28.85	2.73
84	London Plane	Compacted	N	Good	1	78.7	18.3	122	30	197.3	248.60	10.86	1.26
85	London Plane	Compacted	N	Good	1	83.8	24.4	132	30	298.9	546.93	23.88	1.83
86	Honeylocust	Planted	N	Good	1	10.2	4.6	14	35	21.1	9.11	0.95	0.43
87	Honeylocust	Planted	N	Poor	1	10.2	3.0	16	30	18.7	5.04	0.53	0.27
88	Honeylocust	Planted	N	Good	1	12.7	5.2	18	45	32.2	12.75	1.34	0.40
89	Japanese Zelkova		N	Good	1	20.3	9.1	32	70	53.2	150.37	11.17	2.83
90	Japanese Zelkova		N	Good	1	20.3	9.1	30	5	38.6	8.58	0.64	0.22
91	Honeylocust		N	Good	1	12.7	9.1	18	40	29.2	25.16	2.63	0.86
92	Norway Maple		N	Good	1	68.6	22.9	121	55	74.7	312.32	16.86	4.18
93	Norway Maple		N	Poor	1	61.0	15.8	108	15	116.7	88.27	4.76	0.76
94	London Plane		N	Good	1	83.8	21.3	132	65	262.7	717.11	31.31	2.73
95	European Beech		N	Good	1	99.1	19.5	234	90	237.1	1450.85	72.60	6.12
96	Tree of Heaven		N	Good	1	86.4	15.8	102	5	79.5	26.55	1.97	0.33
97	Norway Maple		N	Good	1	61.0	21.9	108	75	182.4	985.04	53.17	5.40
98	Sassafras		N	Good	1	53.3	18.3	82	25	65.7	98.50	4.84	1.50
99	Tree of Heaven		N	Good	1	43.2	15.2	49	5	65.7	18.60	1.38	0.28
100	Norway Maple		N	Good	1	40.6	13.7	70	70	141.3	357.55	19.30	2.53
101	Black Cherry		N	Good	1	25.4	14.0	50	35	53.2	103.31	8.01	1.94
102	Norway Maple		N	Good	4	37.6	15.2	47	70	61.4	330.75	17.85	5.39
103	London Plane	Good	N	Good	1	66.0	21.9	104	30	175.2	320.60	14.00	1.83
104	London Plane	Good	N	Good	1	66.0	21.9	102	35	99.9	230.75	10.08	2.31
105	London Plane	Good	N	Good	1	73.7	21.9	116	35	168.1	358.92	15.67	2.14

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
71	Callery Pear	110.17	2.24	6.65	0.13	3.66	31.86	15.81	10.34	8.37
72	Norway Spruce	399.10	8.10	11.11	0.23	265.52	2313.24	1147.85	223.79	608.04
73	Silver Maple	386.45	7.84	8.75	0.18	23.28	202.86	100.66	100.60	53.32
74	Pin Oak	427.88	8.69	15.82	0.32	26.15	227.85	113.06	72.23	59.89
75	Littleleaf Linden	196.51	3.99	5.90	0.12	36.21	315.45	156.53	97.89	82.92
76	Norway Maple	103.95	2.11	4.75	0.10	8.31	72.37	35.91	30.33	19.02
77	Ginkgo	123.04	2.50	7.16	0.15	8.65	75.37	37.40	41.28	19.81
78	Sweetgum	132.34	2.69	5.16	0.10	14.14	123.20	61.13	56.32	32.38
79	Sweetgum	151.42	3.07	5.83	0.12	22.46	195.68	97.10	83.41	51.43
80	Sycamore Maple	309.22	6.28	11.74	0.24	64.33	560.49	278.12	168.94	147.33
81	Willow Oak	732.22	14.86	17.35	0.35	85.27	742.92	368.64	199.76	195.28
82	Littleleaf Linden	287.96	5.85	9.68	0.20	75.66	659.12	327.06	160.93	173.25
83	Littleleaf Linden	1014.56	20.60	19.91	0.40	71.41	622.17	308.73	185.29	163.54
84	London Plane	1878.75	38.14	35.47	0.72	26.87	234.11	116.17	173.05	61.54
85	London Plane	2230.20	45.27	39.37	0.80	59.12	515.06	255.58	312.62	135.38
86	Honeylocust	12.98	0.26	1.93	0.04	2.36	20.58	10.21	13.32	5.41
87	Honeylocust	12.65	0.26	1.43	0.03	1.31	11.39	5.65	10.90	2.99
88	Honeylocust	22.21	0.45	2.63	0.05	3.31	28.80	14.29	19.99	7.57
89	Japanese Zelkova	70.72	1.44	5.17	0.10	27.65	240.89	119.53	71.35	63.32
90	Japanese Zelkova	70.72	1.44	5.17	0.10	1.58	13.75	6.82	21.99	3.62
91	Honeylocust	23.38	0.47	2.73	0.06	6.52	56.81	28.19	22.16	14.93
92	Norway Maple	1358.37	27.57	26.98	0.55	41.73	363.52	180.38	130.18	95.55
93	Norway Maple	982.86	19.95	16.90	0.34	11.79	102.75	50.98	84.97	27.01
94	London Plane	2206.48	44.79	39.06	0.79	77.51	675.32	335.10	344.81	177.51
95	European Beech	3622.26	73.53	50.98	1.03	179.71	1565.69	776.91	549.33	411.54
96	Tree of Heaven	2323.84	47.17	40.16	0.82	4.88	42.54	21.11	47.90	11.18
97	Norway Maple	1044.58	21.20	23.28	0.47	131.60	1146.54	568.92	383.77	301.37
98	Sassafras	741.45	15.05	20.54	0.42	11.99	104.48	51.84	62.27	27.46
99	Tree of Heaven	441.63	8.97	15.13	0.31	3.42	29.80	14.79	38.59	7.83
100	Norway Maple	395.96	8.04	13.36	0.27	47.77	416.17	206.51	177.11	109.39
101	Black Cherry	150.56	3.06	9.00	0.18	19.83	172.77	85.73	57.41	45.41
102	Norway Maple	341.35	6.93	12.35	0.25	44.19	384.98	191.03	128.92	101.19
103	London Plane	1252.28	25.42	28.00	0.57	34.65	301.92	149.81	183.25	79.36
104	London Plane	1252.28	25.42	28.00	0.57	24.94	217.30	107.83	118.69	57.12
105	London Plane	1624.31	32.97	32.63	0.66	38.80	338.01	167.72	191.04	88.85

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
71	Callery Pear	70.03	0.00	0.22	0.11	0.05	0.01	0.39	0.00	0.00	6.31
72	Norway Spruce	4558.44	0.25	15.62	7.75	1.01	1.01	25.64	886.82	941.50	549.04
73	Silver Maple	480.72	0.02	1.37	0.68	0.45	0.09	2.61	0.52	36.74	40.18
74	Pin Oak	499.19	0.03	1.54	0.76	0.33	0.10	2.75	411.60	5.16	45.13
75	Littleleaf Linden	688.99	0.03	2.13	1.06	0.44	0.14	3.80	0.00	0.00	62.48
76	Norway Maple	165.94	0.01	0.49	0.24	0.14	0.03	0.91	0.19	13.11	14.33
77	Ginkgo	182.51	0.01	0.51	0.25	0.19	0.03	0.99	0.00	25.60	14.93
78	Sweetgum	287.18	0.01	0.83	0.41	0.25	0.05	1.57	222.56	41.84	24.40
79	Sweetgum	450.09	0.02	1.32	0.66	0.38	0.09	2.46	353.49	66.46	38.76
80	Sycamore Maple	1219.21	0.06	3.78	1.88	0.76	0.24	6.73	1.45	101.52	111.01
81	Willow Oak	1591.87	0.08	5.02	2.49	0.90	0.32	8.81	1342.05	16.82	147.14
82	Littleleaf Linden	1396.02	0.07	4.45	2.21	0.73	0.29	7.74	0.00	0.00	130.54
83	Littleleaf Linden	1351.13	0.07	4.20	2.08	0.84	0.27	7.46	0.00	0.00	123.22
84	London Plane	611.74	0.03	1.58	0.78	0.78	0.10	3.27	422.91	2.65	46.37
85	London Plane	1277.75	0.06	3.48	1.73	1.41	0.22	6.89	930.42	5.83	102.01
86	Honeylocust	51.89	0.00	0.14	0.07	0.06	0.01	0.28	0.05	0.47	4.08
87	Honeylocust	32.25	0.00	0.08	0.04	0.05	0.00	0.17	0.03	0.26	2.26
88	Honeylocust	73.96	0.00	0.19	0.10	0.09	0.01	0.40	0.07	0.65	5.70
89	Japanese Zelkova	522.74	0.03	1.63	0.81	0.32	0.10	2.89	0.62	5.45	47.71
90	Japanese Zelkova	47.76	0.00	0.09	0.05	0.10	0.01	0.25	0.04	0.31	2.72
91	Honeylocust	128.61	0.01	0.38	0.19	0.10	0.02	0.70	0.15	1.29	11.25
92	Norway Maple	811.37	0.04	2.45	1.22	0.59	0.16	4.46	0.94	65.85	72.00
93	Norway Maple	277.50	0.01	0.69	0.34	0.38	0.04	1.48	0.27	18.61	20.35
94	London Plane	1610.25	0.07	4.56	2.26	1.55	0.29	8.74	1219.93	7.65	133.75
95	European Beech	3483.18	0.17	10.57	5.25	2.48	0.68	19.15	4.04	106.35	310.09
96	Tree of Heaven	127.61	0.00	0.29	0.14	0.22	0.02	0.67	0.11	7.71	8.43
97	Norway Maple	2532.21	0.13	7.74	3.84	1.73	0.50	13.94	2.96	207.68	227.07
98	Sassafras	258.05	0.01	0.71	0.35	0.28	0.05	1.39	0.27	1.18	20.69
99	Tree of Heaven	94.43	0.00	0.20	0.10	0.17	0.01	0.49	0.08	5.40	5.90
100	Norway Maple	956.95	0.05	2.81	1.39	0.80	0.18	5.23	1.07	75.38	82.42
101	Black Cherry	381.15	0.02	1.17	0.58	0.26	0.08	2.10	0.45	1.96	34.22
102	Norway Maple	850.31	0.04	2.60	1.29	0.58	0.17	4.68	0.99	69.73	76.25
103	London Plane	748.99	0.03	2.04	1.01	0.83	0.13	4.04	545.40	3.42	59.80
104	London Plane	525.88	0.02	1.47	0.73	0.54	0.09	2.85	392.54	2.46	43.04
105	London Plane	824.41	0.04	2.28	1.13	0.86	0.15	4.46	610.59	3.83	66.94

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
71	Callery Pear	6.31	1162.00	8/2/2002	Chris, Lenny	shared pit, planted
72	Norway Spruce	2377.35	3827.00	8/2/2002	Chris, Lenny	in lawn
73	Silver Maple	77.44	1077.00	8/2/2002	Chris, Lenny	weeds
74	Pin Oak	461.89	3328.00	8/2/2002	Chris, Lenny	shared pit, weedy
75	Littleleaf Linden	62.48	1788.00	8/2/2002	Chris, Lenny	shared pit, weedy, girdling roots
76	Norway Maple	27.63	708.00	8/2/2002	Chris, Lenny	shared pit, damaged trunk
77	Ginkgo	40.52	1187.00	8/2/2002	Chris, Lenny	shared pit
78	Sweetgum	288.80	2003.00	8/2/2002	Chris, Lenny	shared pit/exposed roots
79	Sweetgum	458.70	2003.00	8/2/2002	Chris, Lenny	shared pit/exposed roots/heaving sidewalk
80	Sycamore Maple	213.98	1685.00	8/2/2002	Chris, Lenny	shared pit/roots exposed/heaving sidewalk
81	Willow Oak	1506.00	5266.00	8/2/2002	Chris, Lenny	shared pit/heaving sidewalk
82	Littleleaf Linden	130.54	3646.00	8/2/2002	Chris, Lenny	
83	Littleleaf Linden	123.22	9901.00	8/2/2002	Chris, Lenny	heaving sidewalk
84	London Plane	471.92	9291.00	8/2/2002	Chris, Lenny	exposed roots/heaving sidewalk/narrow shared pit
85	London Plane	1038.26	10442.00	8/2/2002	Chris, Lenny	narrow shared pit/exposed roots/heaving sidewalk
86	Honeylocust	4.60	414.00	8/3/2002	Lenny, Anna	
87	Honeylocust	2.54	270.00	8/3/2002	Lenny, Anna	shared pit
88	Honeylocust	6.43	637.00	8/3/2002	Lenny, Anna	growing on one side of wire
89	Japanese Zelkova	53.78	1036.00	8/3/2002	Lenny, Anna	planted
90	Japanese Zelkova	3.07	1036.00	8/3/2002	Lenny, Anna	planned and shared
91	Honeylocust	12.69	637.00	8/3/2002	Lenny, Anna	planned and shared
92	Norway Maple	138.78	6387.00	8/3/2002	Lenny, Anna	planted and shared, roots over growing pit
93	Norway Maple	39.23	3351.00	8/3/2002	Lenny, Anna	planted
94	London Plane	1361.32	10442.00	8/3/2002	Lenny, Anna	lawn half covered with tar
95	European Beech	420.47	17207.00	8/3/2002	Lenny, Anna	planted in a raised flower bed
96	Tree of Heaven	16.24	3340.00	8/3/2002	Lenny, Anna	yard
97	Norway Maple	437.71	5135.00	8/3/2002	Lenny, Anna	yard
98	Sassafras	22.15	3791.00	8/3/2002	Lenny, Anna	sassafras planted in yard
99	Tree of Heaven	11.38	1240.00	8/3/2002	Lenny, Anna	yard
100	Norway Maple	158.88	2516.00	8/3/2002	Lenny, Anna	yard in raised bed
101	Black Cherry	36.62	1187.00	8/3/2002	Lenny, Anna	yard
102	Norway Maple	146.97	2214.00	8/3/2002	Lenny, Anna	yard
103	London Plane	608.61	6785.00	7/21/2002	R. Salley, G. Fehling	
104	London Plane	438.04	6785.00	7/21/2002	R. Salley, G. Fehling	hole at base of trunk
105	London Plane	681.36	8343.00	7/21/2002	R. Salley, G. Fehling	

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
106	London Plane	Platanus x acerifolia	PLAC	NO	67 Tysen St	Across	Staten Island	Y	102
107	London Plane	Platanus x acerifolia	PLAC	NO	67 Tysen St	Across	Staten Island	Y	95
108	London Plane	Platanus x acerifolia	PLAC	NO	63 Tysen St	Across	Staten Island	Y	102
109	London Plane	Platanus x acerifolia	PLAC	NO	61 Tysen St	Across	Staten Island	Y	105
110	London Plane	Platanus x acerifolia	PLAC	NO	814 Richmond Terrace	Adjacent	Staten Island	Y	95
111	London Plane	Platanus x acerifolia	PLAC	NO	814 Richmond Terrace	Adjacent	Staten Island	Y	95
112	Ash	Fraxinus pennsylvanica	FRPE	YES	69 Tysen St	Front	Staten Island	Y	13
113	Ash	Fraxinus pennsylvanica	FRPE	YES	61 Tysen St	Front	Staten Island	Y	13
114	Ash	Fraxinus pennsylvanica	FRPE	YES	63 Tysen St	Front	Staten Island	Y	13
115	Ash	Fraxinus pennsylvanica	FRPE	YES	67 Tysen St	Front	Staten Island	Y	13
116	London Plane	Platanus x acerifolia	PLAC	NO	814 Richmond Terrace	Adjacent	Staten Island	Y	105
117	London Plane	Platanus x acerifolia	PLAC	NO	814 Richmond Terrace	Adjacent	Staten Island	Y	103
118	London Plane	Platanus x acerifolia	PLAC	NO	814 Richmond Terrace	Adjacent	Staten Island	Y	154
119	Silver Maple	Acer saccharinum	ACSA1	YES	355 Fillmore St	Front	Staten Island	N	0
120	Sugar Maple	Acer saccharum	ACSA2	YES	355 Fillmore St	Side	Staten Island	N	0
121	Common Horsechestnut	Aesculus hippocastanum	AEHI	NO	355 Fillmore St	Rear	Staten Island	N	0
122	London Plane	Platanus x acerifolia	PLAC	NO	355 Fillmore St	Side	Staten Island	Y	435
123	London Plane	Platanus x acerifolia	PLAC	NO	355 Fillmore St	Side	Staten Island	Y	435
124	London Plane	Platanus x acerifolia	PLAC	NO	355 Fillmore St	Side	Staten Island	Y	435
125	London Plane	Platanus x acerifolia	PLAC	NO	355 Fillmore St	Side	Staten Island	Y	435
126	Ash	Fraxinus pennsylvanica	FRPE	YES	65 Clinton Ave	Front	Staten Island	Y	162
127	Norway Maple	Acer platanoides	ACPL	NO	363 Fillmore St	Adjacent	Staten Island	Y	320
128	Japanese Maple	Acer palmatum	ACPA	NO	363 Fillmore St	Side	Staten Island	N	0
129	Norway Maple	Acer platanoides	ACPL	NO	368 Fillmore St	Front	Staten Island	N	0
130	Common Horsechestnut	Aesculus hippocastanum	AEHI	NO	368 Fillmore St	Side	Staten Island	N	0
131	London Plane	Platanus x acerifolia	PLAC	NO	320 Fillmore St	Side	Staten Island	Y	172
132	Norway Maple	Acer platanoides	ACPL	NO	320 Fillmore St	Front	Staten Island	Y	300
133	Norway Maple	Acer platanoides	ACPL	NO	320 Fillmore St	Front	Staten Island	Y	162
134	Norway Maple	Acer platanoides	ACPL	NO	320 Fillmore St	Front	Staten Island	Y	162
135	Red Maple	Acer rubrum	ACRU	YES	65 Clinton Ave	Side	Staten Island	Y	243
136	Red Maple	Acer rubrum	ACRU	YES	65 Clinton Ave	Side	Staten Island	Y	243
137	Red Maple	Acer rubrum	ACRU	YES	65 Clinton Ave	Side	Staten Island	Y	243
138	Norway Maple	Acer platanoides	ACPL	NO	65 Clinton Ave	Side	Staten Island	Y	210
139	Silver Maple	Acer saccharinum	ACSA1	YES	65 Clinton Ave	Side	Staten Island	Y	210
140	Eastern Hemlock	Tsuga canadensis	TSCA	YES	104 Tysen St	Side	Staten Island	N	0

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
106	London Plane	Good	N	Good	1	58.4	21.9	92	40	168.1	188.29	8.22	1.12
107	London Plane	Good	N	Good	1	61.0	21.9	96	35	57.2	134.78	5.89	2.36
108	London Plane	Good	N	Good	1	73.7	21.9	112	40	57.2	154.03	6.73	2.69
109	London Plane	Good	N	Good	1	76.2	21.9	120	40	45.6	206.70	9.03	4.53
110	London Plane	Good	N	Good	1	81.3	21.9	128	40	99.9	259.72	11.34	2.60
111	London Plane	Good	N	Good	1	78.7	21.9	124	40	99.9	259.72	11.34	2.60
112	Ash	Good	N	Good	1	20.3	13.4	29	75	57.2	289.83	18.90	5.07
113	Ash	Good	N	Good	1	17.8	13.4	28	70	53.2	313.93	20.48	5.90
114	Ash	Good	N	Good	1	17.8	13.4	28	70	53.2	313.93	20.48	5.90
115	Ash	Good	N	Good	1	20.3	13.4	32	70	53.2	215.48	14.05	4.05
116	London Plane	Good	N	Good	1	73.7	21.9	112	35	182.4	389.46	17.01	2.14
117	London Plane	Good	N	Good	1	76.2	21.9	120	40	99.9	259.72	11.34	2.60
118	London Plane	Good	N	Good	1	94.0	21.9	148	40	197.3	520.87	22.75	2.64
119	Silver Maple		N	Excellent	1	81.3	19.5	95	85	168.1	757.35	39.86	4.51
120	Sugar Maple		N	Excellent	1	78.7	29.3	168	85	141.3	780.47	47.02	5.53
121	Common Horsechestnut		N	Excellent	1	48.3	15.2	148	85	228.8	933.59	65.29	4.08
122	London Plane	Fair	N	Good	1	86.4	19.5	136	45	189.8	538.04	23.50	2.84
123	London Plane	Fair	N	Good	1	83.8	19.5	132	45	141.3	413.19	18.04	2.93
124	London Plane	Fair	N	Good	1	71.1	19.5	110	15	147.8	135.20	5.90	0.92
125	London Plane	Fair	N	Good	1	66.0	17.1	102	25	175.2	267.17	11.67	1.53
126	Ash	Weeds	N	Good	1	61.0	19.5	94	50	105.4	295.02	19.24	2.80
127	Norway Maple	Good	N	Good	1	63.5	17.1	114	55	182.4	481.58	25.99	2.64
128	Japanese Maple		N	Excellent	6	32.3	7.3	27	75	79.5	311.17	17.51	3.92
129	Norway Maple		N	Excellent	6	76.1	21.9	126	60	262.7	1071.73	57.84	4.08
130	Common Horsechestnut		N	Good	6	55.3	12.2	152	80	61.4	474.87	33.21	7.74
131	London Plane	Planted	N	Good	1	68.6	21.3	109	35	197.3	435.05	19.00	2.20
132	Norway Maple	Planted	N	Good	1	53.3	14.6	93	60	128.7	342.04	18.46	2.66
133	Norway Maple	Fair	N	Good	1	50.8	16.5	89	65	99.9	392.08	21.16	3.93
134	Norway Maple	Fair	N	Good	1	78.7	21.9	138	60	205.0	787.05	42.48	3.84
135	Red Maple	Good	N	Good	1	17.8	7.3	29	75	35.3	109.32	7.36	3.10
136	Red Maple	Good	N	Good	1	17.8	7.3	29	65	35.3	94.74	6.38	2.68
137	Red Maple	Good	N	Poor	1	10.2	5.5	16	55	16.4	32.48	2.19	1.98
138	Norway Maple	Weeds	N	Good	1	50.8	18.3	90	60	128.7	548.31	29.59	4.26
139	Silver Maple	Weeds	N	Good	1	63.5	21.9	74	60	308.3	943.34	49.65	3.06
140	Eastern Hemlock		N	Poor	2	43.3	12.2	53	55	74.7	361.30	33.56	4.84

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
106	London Plane	935.74	19.00	23.60	0.48	20.35	177.31	87.99	140.48	46.61
107	London Plane	1035.26	21.02	25.04	0.51	14.57	126.92	62.98	68.75	33.36
108	London Plane	1624.31	32.97	32.63	0.66	16.65	145.05	71.98	74.46	38.13
109	London Plane	1761.11	35.75	34.22	0.69	22.34	194.65	96.59	84.22	51.16
110	London Plane	2054.49	41.71	37.46	0.76	28.07	244.58	121.36	127.28	64.29
111	London Plane	1904.48	38.66	35.83	0.73	28.07	244.58	121.36	127.28	64.29
112	Ash	66.98	1.36	3.68	0.07	46.79	407.66	202.29	114.70	107.16
113	Ash	53.52	1.09	3.34	0.07	50.68	441.56	219.11	119.82	116.06
114	Ash	53.52	1.09	3.34	0.07	50.68	441.56	219.11	119.82	116.06
115	Ash	66.98	1.36	3.68	0.07	34.79	303.09	150.39	90.65	79.67
116	London Plane	1624.31	32.97	32.63	0.66	42.10	366.76	181.99	207.29	96.40
117	London Plane	1761.11	35.75	34.22	0.69	28.07	244.58	121.36	127.28	64.29
118	London Plane	2907.48	59.02	45.97	0.93	56.30	490.52	243.40	253.73	128.93
119	Silver Maple	1510.10	30.66	23.31	0.47	98.67	859.61	426.55	309.10	225.95
120	Sugar Maple	2178.57	44.22	39.06	0.79	116.38	1013.93	503.12	302.43	266.51
121	Common Horsechestnut	575.50	11.68	17.66	0.36	161.60	1407.92	698.62	391.91	370.07
122	London Plane	2354.62	47.80	40.55	0.82	58.16	506.68	251.42	255.03	133.18
123	London Plane	2192.10	44.50	38.87	0.79	44.66	389.11	193.08	193.60	102.28
124	London Plane	1479.74	30.04	30.84	0.63	14.61	127.32	63.18	114.49	33.47
125	London Plane	1227.24	24.91	27.59	0.56	28.88	251.60	124.85	167.42	66.13
126	Ash	581.50	11.80	11.37	0.23	47.63	414.96	205.91	140.49	109.07
127	Norway Maple	1088.16	22.09	23.62	0.48	64.34	560.53	278.14	234.59	147.34
128	Japanese Maple	217.02	4.41	9.40	0.19	43.35	377.69	187.41	132.23	99.28
129	Norway Maple	1687.15	34.25	30.41	0.62	143.18	1247.43	618.99	449.89	327.89
130	Common Horsechestnut	784.64	15.93	21.14	0.43	82.20	716.13	355.35	171.62	188.24
131	London Plane	1366.67	27.74	29.47	0.60	47.03	409.69	203.29	228.30	107.69
132	Norway Maple	724.28	14.70	18.73	0.38	45.70	398.12	197.55	166.19	104.65
133	Norway Maple	665.10	13.50	17.93	0.36	52.38	456.37	226.45	166.50	119.96
134	Norway Maple	1818.36	36.91	31.71	0.64	105.15	916.09	454.57	336.46	240.80
135	Red Maple	57.60	1.17	4.78	0.10	18.22	158.77	78.78	50.18	41.73
136	Red Maple	57.60	1.17	4.78	0.10	15.79	137.60	68.28	45.86	36.17
137	Red Maple	15.33	0.31	1.71	0.03	5.41	47.17	23.40	17.89	12.40
138	Norway Maple	678.87	13.78	18.20	0.37	73.26	638.21	316.69	227.31	167.75
139	Silver Maple	1098.41	22.30	20.56	0.42	122.90	1070.71	531.30	434.82	281.44
140	Eastern Hemlock	283.61	5.76	6.77	0.14	83.06	723.67	359.09	144.70	190.22

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
106	London Plane	472.74	0.02	1.20	0.59	0.63	0.08	2.52	320.31	2.01	35.12
107	London Plane	306.58	0.01	0.86	0.43	0.31	0.06	1.66	229.28	1.44	25.14
108	London Plane	346.26	0.02	0.98	0.49	0.34	0.06	1.88	262.03	1.64	28.73
109	London Plane	448.96	0.02	1.31	0.65	0.38	0.08	2.45	351.63	2.20	38.55
110	London Plane	585.58	0.03	1.65	0.82	0.57	0.11	3.18	441.82	2.77	48.44
111	London Plane	585.58	0.03	1.65	0.82	0.57	0.11	3.18	441.82	2.77	48.44
112	Ash	878.60	0.04	2.75	1.37	0.52	0.18	4.86	1.05	4.62	80.74
113	Ash	947.23	0.05	2.98	1.48	0.54	0.19	5.24	1.14	5.00	87.45
114	Ash	947.23	0.05	2.98	1.48	0.54	0.19	5.24	1.14	5.00	87.45
115	Ash	658.58	0.03	2.05	1.02	0.41	0.13	3.64	0.78	3.43	60.03
116	London Plane	894.54	0.04	2.48	1.23	0.93	0.16	4.84	662.53	4.15	72.64
117	London Plane	585.58	0.03	1.65	0.82	0.57	0.11	3.18	441.82	2.77	48.44
118	London Plane	1172.88	0.05	3.31	1.64	1.14	0.21	6.37	886.09	5.55	97.15
119	Silver Maple	1919.88	0.09	5.80	2.88	1.39	0.37	10.55	2.22	155.70	170.25
120	Sugar Maple	2202.37	0.11	6.85	3.40	1.36	0.44	12.16	2.62	183.66	200.81
121	Common Horsechestnut	3030.13	0.16	9.51	4.72	1.77	0.61	16.76	3.63	255.02	278.84
122	London Plane	1204.48	0.06	3.42	1.70	1.15	0.22	6.54	915.30	5.74	100.35
123	London Plane	922.73	0.04	2.63	1.30	0.87	0.17	5.02	702.91	4.41	77.06
124	London Plane	353.07	0.01	0.86	0.43	0.52	0.06	1.87	229.99	1.44	25.22
125	London Plane	638.87	0.03	1.70	0.84	0.75	0.11	3.43	454.50	2.85	49.83
126	Ash	918.06	0.05	2.80	1.39	0.63	0.18	5.05	1.07	4.70	82.18
127	Norway Maple	1284.93	0.06	3.78	1.88	1.06	0.24	7.03	1.45	101.53	111.01
128	Japanese Maple	839.96	0.04	2.55	1.27	0.60	0.16	4.62	0.98	68.41	74.80
129	Norway Maple	2787.38	0.14	8.42	4.18	2.03	0.54	15.31	3.22	225.95	247.06
130	Common Horsechestnut	1513.54	0.08	4.84	2.40	0.77	0.31	8.40	1.85	129.71	141.83
131	London Plane	996.00	0.05	2.77	1.37	1.03	0.18	5.39	740.09	4.64	81.14
132	Norway Maple	912.20	0.04	2.69	1.33	0.75	0.17	4.99	1.03	72.11	78.85
133	Norway Maple	1021.66	0.05	3.08	1.53	0.75	0.20	5.61	1.18	82.66	90.38
134	Norway Maple	2053.07	0.10	6.19	3.07	1.52	0.40	11.27	2.36	165.93	181.43
135	Red Maple	347.68	0.02	1.07	0.53	0.23	0.07	1.92	0.41	28.76	31.44
136	Red Maple	303.70	0.02	0.93	0.46	0.21	0.06	1.67	0.36	24.92	27.25
137	Red Maple	106.28	0.01	0.32	0.16	0.08	0.02	0.58	0.12	8.54	9.34
138	Norway Maple	1423.22	0.07	4.31	2.14	1.02	0.28	7.82	1.65	115.60	126.40
139	Silver Maple	2441.17	0.12	7.23	3.59	1.96	0.47	13.36	2.76	193.94	212.06
140	Eastern Hemlock	1500.75	0.08	4.89	2.42	0.65	0.31	8.36	1.98	19.64	171.76

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
106	London Plane	357.43	5397.00	7/21/2002	R. Salley, G. Fehling	
107	London Plane	255.85	5840.00	7/21/2002	R. Salley, G. Fehling	
108	London Plane	292.40	8343.00	7/21/2002	R. Salley, G. Fehling	
109	London Plane	392.38	8900.00	7/21/2002	R. Salley	rot
110	London Plane	493.03	9870.00	7/21/2002	R. Salley	
111	London Plane	493.03	9291.00	7/21/2002	R. Salley	
112	Ash	86.41	975.00	7/21/2002	R. Salley	
113	Ash	93.59	843.00	7/21/2002	R. Salley	
114	Ash	93.59	843.00	7/21/2002	R. Salley	bark rot
115	Ash	64.24	975.00	7/21/2002	R. Salley	
116	London Plane	739.32	8343.00	7/21/2002	R. Salley	
117	London Plane	493.03	8900.00	7/21/2002	R. Salley	
118	London Plane	988.79	12647.00	7/21/2002	R. Salley	
119	Silver Maple	328.17	5812.00	6/22/2002	D. Murphy	lawn, on private property
120	Sugar Maple	387.08	12233.00	6/22/2002	D. Murphy	lawn, on private property
121	Common Horsechestnut	537.49	3096.00	6/22/2002	D. Murphy	lawn, on private property
122	London Plane	1021.38	11005.00	6/22/2002	DM, CO-D, JG	shared pit on Tysen Street
123	London Plane	784.38	10442.00	6/22/2002	DM, CO-D, JG	shared pit on Tysen Street
124	London Plane	256.65	7805.00	6/22/2002	DM, CO-D, JG	shared pit on Tysen Street
125	London Plane	507.17	6785.00	6/22/2002	DM, CO-D, JG	shared pit on Tysen Street
126	Ash	87.95	5488.00	7/7/2002	M. Spiritus, S. Magid	pit overgrown
127	Norway Maple	213.99	5536.00	6/22/2002	D. Murphy	
128	Japanese Maple	144.19	1742.00	6/22/2002	D. Murphy	lawn
129	Norway Maple	476.23	8171.00	6/22/2002	D. Murphy	lawn
130	Common Horsechestnut	273.39	3724.00	6/22/2002	M. Spiritus, S. Magid	lawn
131	London Plane	825.87	7285.00	6/22/2002	M. Spiritus, S. Magid	
132	Norway Maple	151.99	4030.00	6/22/2002	M. Spiritus, S. Magid	
133	Norway Maple	174.22	3695.00	6/22/2002	M. Spiritus, S. Magid	
134	Norway Maple	349.73	8126.00	6/22/2002	M. Spiritus, S. Magid	
135	Red Maple	60.61	885.00	7/7/2002	SM, LL, MS	
136	Red Maple	52.53	885.00	7/7/2002	SM, LL, MS	
137	Red Maple	18.01	288.00	7/7/2002	SM, LL, MS	
138	Norway Maple	243.65	3695.00	7/7/2002	SM, LL, MS	pit overgrown
139	Silver Maple	408.76	3619.00	7/7/2002	SM, LL, MS	pit overgrown
140	Eastern Hemlock	193.38	1711.00	6/22/2002	C. Ellison	lawn

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
141	London Plane	Platanus x acerifolia	PLAC	NO	104 Tysen St	Front	Staten Island	Y	28
142	London Plane	Platanus x acerifolia	PLAC	NO	104 Tysen St	Front	Staten Island	Y	16
143	London Plane	Platanus x acerifolia	PLAC	NO	104 Tysen St	Front	Staten Island	Y	16
144	London Plane	Platanus x acerifolia	PLAC	NO	108 Tysen St	Front	Staten Island	Y	32
145	London Plane	Platanus x acerifolia	PLAC	NO	108 Tysen St	Front	Staten Island	Y	16
146	Flowering Dogwood	Cornus florida	COFL	YES	108 Tysen St	Front	Staten Island	N	0
147	Osage Orange	Maclura pomifera	MAPO	NO	323 Fillmore St	Side	Staten Island	N	0
148	London Plane	Platanus x acerifolia	PLAC	NO	117 Tysen St	Front	Staten Island	Y	210
149	London Plane	Platanus x acerifolia	PLAC	NO	129 Tysen St	Front	Staten Island	Y	34
150	London Plane	Platanus x acerifolia	PLAC	NO	129 Tysen St	Front	Staten Island	Y	36
151	Tuliptree	Liriodendron tulipifera	LITU	YES	133 Tysen St	Rear	Staten Island	N	0
152	Norway Maple	Acer platanoides	ACPL	NO	129 Tysen St	Rear	Staten Island	N	0
153	Norway Maple	Acer platanoides	ACPL	NO	134 Tysen St	Front	Staten Island	Y	155
154	Norway Maple	Acer platanoides	ACPL	NO	134 Tysen St	Front	Staten Island	Y	150
155	London Plane	Platanus x acerifolia	PLAC	NO	130 Tysen St	Front	Staten Island	Y	25
156	Littleleaf Linden	Tilia cordata	TICO	NO	124 Tysen St	Front	Staten Island	Y	81
157	London Plane	Platanus x acerifolia	PLAC	NO	124 Tysen St	Front	Staten Island	Y	81
158	London Plane	Platanus x acerifolia	PLAC	NO	124 Tysen St	Front	Staten Island	Y	81
159	London Plane	Platanus x acerifolia	PLAC	NO	124 Tysen St	Front	Staten Island	Y	90
160	Norway Maple	Acer platanoides	ACPL	NO	120 Tysen St	Front	Staten Island	Y	90
161	Norway Maple	Acer platanoides	ACPL	NO	120 Tysen St	Front	Staten Island	Y	90
162	Honeylocust	Gleditsia triacanthos	GLTR	NO	120 Clinton Ave	Front	Staten Island	Y	300
163	Honeylocust	Gleditsia triacanthos	GLTR	NO	120 Clinton Ave	Across	Staten Island	Y	420
164	Honeylocust	Gleditsia triacanthos	GLTR	NO	120 Clinton Ave	Across	Staten Island	Y	420
165	London Plane	Platanus x acerifolia	PLAC	NO	112 Tysen St	Front	Staten Island	Y	200
166	London Plane	Platanus x acerifolia	PLAC	NO	112 Tysen St	Front	Staten Island	Y	200
167	London Plane	Platanus x acerifolia	PLAC	NO	116 Tysen St	Front	Staten Island	Y	90
168	London Plane	Platanus x acerifolia	PLAC	NO	118 Tysen St	Front	Staten Island	Y	90
169	Norway Maple	Acer platanoides	ACPL	NO	150 Tysen St	Front	Staten Island	Y	100
170	Norway Maple	Acer platanoides	ACPL	NO	160 Tysen St	Front	Staten Island	Y	205
171	London Plane	Platanus x acerifolia	PLAC	NO	164 Tysen St	Front	Staten Island	Y	290
172	London Plane	Platanus x acerifolia	PLAC	NO	164 Tysen St	Front	Staten Island	Y	290
173	London Plane	Platanus x acerifolia	PLAC	NO	170 Tysen St	Front	Staten Island	Y	290
174	London Plane	Platanus x acerifolia	PLAC	NO	170 Tysen St	Front	Staten Island	Y	360
175	London Plane	Platanus x acerifolia	PLAC	NO	170 Tysen St	Front	Staten Island	Y	360

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
141	London Plane		N	Excellent	1	88.9	29.3	140	60	182.4	744.25	32.50	4.08
142	London Plane		N	Good	1	66.0	29.3	108	50	161.2	556.08	24.28	3.45
143	London Plane		N	Good	1	66.0	29.3	104	35	111.0	279.67	12.21	2.52
144	London Plane		N	Good	1	71.1	29.3	110	40	105.4	311.87	13.62	2.96
145	London Plane		N	Good	1	71.1	29.3	110	40	197.3	520.87	22.75	2.64
146	Flowering Dogwood		N	Good	1	17.8	6.1	28	75	49.3	170.35	9.90	3.45
147	Osage Orange		N	Excellent	2	18.0	7.3	21	95	42.0	183.75	18.47	4.37
148	London Plane	Fair	N	Good	1	66.0	19.5	104	45	141.3	210.57	9.20	1.49
149	London Plane	Fair	N	Good	1	86.4	19.5	134	50	197.3	414.33	18.09	2.10
150	London Plane	Fair	N	Good	1	101.6	19.5	160	60	168.1	524.51	22.90	3.12
151	Tuliptree		N	Excellent	1	106.7	34.1	126	90	591.0	4042.61	238.30	6.84
152	Norway Maple		N	Excellent	1	55.9	29.3	99	95	74.7	645.93	34.86	8.65
153	Norway Maple	Fair	N	Good	1	78.7	19.5	141	55	168.1	536.28	28.94	3.19
154	Norway Maple	Fair	N	Good	1	71.1	19.5	110	65	122.7	574.03	30.98	4.68
155	London Plane	Fair	N	Good	1	73.7	19.5	45	50	116.7	270.30	11.80	2.32
156	Littleleaf Linden	Good	N	Good	1	38.1	12.2	45	85	45.6	232.81	17.44	5.11
157	London Plane	Fair	N	Good	1	68.6	24.4	108	60	421.5	708.04	30.92	1.68
158	London Plane	Fair	N	Good	1	58.4	24.4	92	60	182.4	623.86	27.24	3.42
159	London Plane	Fair	N	Good	1	66.0	24.4	104	60	298.9	753.15	32.89	2.52
160	Norway Maple	Fair	N	Good	1	50.8	19.5	90	90	182.4	1050.71	56.71	5.76
161	Norway Maple	Fair	N	Good	1	25.4	11.0	45	80	45.6	261.91	14.14	5.74
162	Honeylocust	Planted	N	Good	1	12.7	5.2	20	55	32.2	22.82	2.39	0.71
163	Honeylocust	Planted	N	Good	1	40.6	12.2	64	50	99.9	88.95	9.31	0.89
164	Honeylocust	Planted	N	Good	1	7.6	3.7	10	30	12.3	3.97	0.42	0.32
165	London Plane	Weeds	N	Good	1	76.2	29.3	120	30	220.7	450.27	19.66	2.04
166	London Plane	Weeds	N	Good	1	63.5	29.3	100	30	134.9	307.60	13.43	2.28
167	London Plane	Weeds	N	Good	1	86.4	29.3	124	35	197.3	476.48	20.81	2.42
168	London Plane	Compacted	N	Good	1	96.5	29.3	152	35	254.0	586.73	25.62	2.31
169	Norway Maple	Weeds	N	Good	1	20.3	10.7	36	50	49.3	181.07	9.77	3.67
170	Norway Maple	Planted	N	Excellent	1	30.5	10.7	52	85	70.1	408.89	22.07	5.83
171	London Plane	Planted	N	Good	1	147.3	29.3	200	40	357.5	900.98	39.34	2.52
172	London Plane	Planted	N	Good	1	71.1	29.3	112	25	220.7	364.19	15.90	1.65
173	London Plane	Planted	N	Good	1	76.2	29.3	118	25	182.4	314.67	13.74	1.73
174	London Plane	Planted	N	Good	1	76.2	27.4	120	25	182.4	296.42	12.94	1.63
175	London Plane	Planted	N	Good	1	66.0	25.9	102	30	99.9	206.77	9.03	2.07

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
141	London Plane	2608.03	52.94	43.27	0.88	80.45	700.88	347.78	312.42	184.23
142	London Plane	1288.86	26.16	28.61	0.58	60.11	523.67	259.85	245.97	137.65
143	London Plane	1288.86	26.16	28.61	0.58	30.23	263.37	130.69	138.78	69.23
144	London Plane	1535.80	31.18	31.70	0.64	33.71	293.70	145.74	145.49	77.20
145	London Plane	1535.80	31.18	31.70	0.64	56.30	490.52	243.40	253.73	128.93
146	Flowering Dogwood	53.48	1.09	4.48	0.09	24.50	213.44	105.91	75.32	56.10
147	Osage Orange	51.83	1.05	4.31	0.09	45.72	398.36	197.67	75.62	104.71
148	London Plane	1239.84	25.17	27.80	0.56	22.76	198.30	98.40	133.55	52.12
149	London Plane	2354.62	47.80	40.55	0.82	44.79	390.18	193.61	222.16	102.56
150	London Plane	3477.60	70.60	51.04	1.04	56.70	493.95	245.10	240.11	129.83
151	Tuliptree	3193.03	64.82	43.88	0.89	589.87	5139.09	2550.06	1495.61	1350.81
152	Norway Maple	927.06	18.82	22.09	0.45	86.30	751.83	373.07	229.04	197.62
153	Norway Maple	1780.85	36.15	31.23	0.63	71.65	624.21	309.74	243.60	164.07
154	Norway Maple	1426.25	28.95	27.58	0.56	76.69	668.14	331.54	231.88	175.62
155	London Plane	1609.15	32.67	32.40	0.66	29.22	254.54	126.31	138.90	66.91
156	Littleleaf Linden	214.36	4.35	8.18	0.17	43.17	376.08	186.62	91.96	98.85
157	London Plane	1383.16	28.08	29.73	0.60	76.53	666.78	330.86	422.11	175.26
158	London Plane	945.61	19.20	23.78	0.48	67.43	587.50	291.52	276.75	154.43
159	London Plane	1264.58	25.67	28.20	0.57	81.41	709.26	351.94	373.72	186.43
160	Norway Maple	687.92	13.96	18.38	0.37	140.38	1222.98	606.85	403.23	321.46
161	Norway Maple	136.99	2.78	7.37	0.15	34.99	304.85	151.27	100.58	80.13
162	Honeylocust	22.21	0.45	2.63	0.05	5.92	51.53	25.57	22.97	13.55
163	Honeylocust	375.63	7.63	13.72	0.28	23.05	200.86	99.67	76.68	52.80
164	Honeylocust	6.47	0.13	1.30	0.03	1.03	8.96	4.45	7.39	2.36
165	London Plane	1808.52	36.71	34.89	0.71	48.67	424.03	210.41	244.61	111.46
166	London Plane	1174.81	23.85	27.09	0.55	33.25	289.68	143.74	159.11	76.14
167	London Plane	2434.31	49.42	41.55	0.84	51.50	448.71	222.66	240.58	117.94
168	London Plane	3172.04	64.39	48.55	0.99	63.42	552.53	274.17	301.80	145.23
169	Norway Maple	84.20	1.71	5.63	0.11	24.19	210.76	104.58	78.50	55.40
170	Norway Maple	202.34	4.11	9.13	0.19	54.63	475.93	236.16	156.48	125.10
171	London Plane	5718.11	116.08	13.87	0.28	97.39	848.48	421.02	447.08	223.02
172	London Plane	1535.80	31.18	31.70	0.64	39.37	342.97	170.18	219.10	90.15
173	London Plane	1808.52	36.71	34.89	0.71	34.01	296.33	147.04	185.13	77.89
174	London Plane	1796.78	36.47	34.73	0.71	32.04	279.15	138.52	179.73	73.37
175	London Plane	1272.22	25.83	28.33	0.58	22.35	194.72	96.62	111.59	51.18

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
141	London Plane	1625.76	0.08	4.73	2.35	1.41	0.30	8.87	1266.10	7.93	138.81
142	London Plane	1227.24	0.06	3.54	1.75	1.11	0.23	6.68	945.98	5.93	103.71
143	London Plane	632.30	0.03	1.78	0.88	0.63	0.11	3.43	475.77	2.98	52.16
144	London Plane	695.83	0.03	1.98	0.98	0.66	0.13	3.78	530.55	3.33	58.17
145	London Plane	1172.88	0.05	3.31	1.64	1.14	0.21	6.37	886.09	5.55	97.15
146	Flowering Dogwood	475.27	0.02	1.44	0.72	0.34	0.09	2.61	0.55	38.66	42.27
147	Osage Orange	822.08	0.04	2.69	1.33	0.34	0.17	4.58	118.22	9.02	78.90
148	London Plane	505.13	0.02	1.34	0.66	0.60	0.09	2.71	358.21	2.25	39.27
149	London Plane	953.30	0.04	2.63	1.31	1.00	0.17	5.16	704.85	4.42	77.28
150	London Plane	1165.69	0.05	3.34	1.65	1.08	0.21	6.34	892.29	5.59	97.83
151	Tuliptree	11125.45	0.57	34.70	17.22	6.74	2.23	61.46	13.26	116.36	1017.80
152	Norway Maple	1637.85	0.08	5.08	2.52	1.03	0.33	9.04	1.94	136.18	148.90
153	Norway Maple	1413.26	0.07	4.21	2.09	1.10	0.27	7.74	1.61	113.06	123.63
154	Norway Maple	1483.87	0.07	4.51	2.24	1.05	0.29	8.16	1.72	121.02	132.33
155	London Plane	615.88	0.03	1.72	0.85	0.63	0.11	3.34	459.82	2.88	50.41
156	Littleleaf Linden	796.68	0.04	2.54	1.26	0.41	0.16	4.42	0.00	0.00	74.48
157	London Plane	1671.54	0.07	4.50	2.23	1.90	0.29	9.00	1204.49	7.55	132.06
158	London Plane	1377.63	0.06	3.97	1.97	1.25	0.26	7.50	1061.29	6.65	116.36
159	London Plane	1702.76	0.08	4.79	2.38	1.68	0.31	9.24	1281.23	8.03	140.47
160	Norway Maple	2694.89	0.13	8.26	4.10	1.82	0.53	14.84	3.16	221.52	242.21
161	Norway Maple	671.82	0.03	2.06	1.02	0.45	0.13	3.70	0.79	55.22	60.38
162	Honeylocust	119.54	0.01	0.35	0.17	0.10	0.02	0.65	0.13	1.17	10.21
163	Honeylocust	453.05	0.02	1.36	0.67	0.35	0.09	2.48	0.52	4.55	39.78
164	Honeylocust	24.17	0.00	0.06	0.03	0.03	0.00	0.13	0.02	0.20	1.77
165	London Plane	1039.18	0.05	2.86	1.42	1.10	0.18	5.62	765.99	4.80	83.98
166	London Plane	701.92	0.03	1.96	0.97	0.72	0.13	3.80	523.29	3.28	57.37
167	London Plane	1081.39	0.05	3.03	1.50	1.08	0.20	5.86	810.57	5.08	88.87
168	London Plane	1337.17	0.06	3.73	1.85	1.36	0.24	7.24	998.12	6.26	109.43
169	Norway Maple	473.42	0.02	1.42	0.71	0.35	0.09	2.60	0.54	38.17	41.74
170	Norway Maple	1048.30	0.05	3.21	1.59	0.71	0.21	5.77	1.23	86.21	94.26
171	London Plane	2036.99	0.09	5.73	2.84	2.02	0.37	11.05	1532.73	9.61	168.04
172	London Plane	861.77	0.04	2.32	1.15	0.99	0.15	4.64	619.55	3.88	67.93
173	London Plane	740.40	0.03	2.00	0.99	0.83	0.13	3.99	535.30	3.36	58.69
174	London Plane	702.81	0.03	1.88	0.94	0.81	0.12	3.78	504.27	3.16	55.29
175	London Plane	476.47	0.02	1.31	0.65	0.50	0.08	2.58	351.76	2.20	38.57

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
141	London Plane	1412.85	12169.00	6/22/2002	C. Ellison	pit poor
142	London Plane	1055.62	6785.00	6/22/2002	C. Ellison	pit bad
143	London Plane	530.91	6785.00	6/22/2002	R. Salley	pit bad
144	London Plane	592.04	7805.00	6/22/2002	R. Salley	pit bad
145	London Plane	988.79	7805.00	6/22/2002	R. Salley	pit bad
146	Flowering Dogwood	81.48	804.00	6/22/2002	R. Salley, H. Wade	lawn
147	Osage Orange	206.14	854.00	6/22/2002	R. Salley, H. Wade	lawn
148	London Plane	399.73	6785.00	7/28/2002	MS, DM, SM	
149	London Plane	786.54	11005.00	7/28/2002	MS, DM, SM	
150	London Plane	995.71	14216.00	7/28/2002	MS, DM, SM	
151	Tuliptree	1147.42	17053.00	7/28/2002	MS, DM, SM	lawn
152	Norway Maple	287.02	4613.00	7/28/2002	MS, DM, SM	lawn
153	Norway Maple	238.30	8126.00	7/28/2002	MS, DM, SM	
154	Norway Maple	255.07	6838.00	7/28/2002	M. Spiritus, S. Magid	
155	London Plane	513.11	8343.00	7/28/2002	M. Spiritus, S. Magid	
156	Littleleaf Linden	74.48	2921.00	7/28/2002	M. Spiritus, S. Magid	
157	London Plane	1344.10	7285.00	7/28/2002	M. Spiritus, S. Magid	
158	London Plane	1184.30	5397.00	7/28/2002	M. Spiritus, S. Magid	
159	London Plane	1429.73	6785.00	7/28/2002	M. Spiritus, S. Magid	shared strip
160	Norway Maple	466.89	3695.00	7/28/2002	M. Spiritus, S. Magid	shared strip
161	Norway Maple	116.38	1240.00	7/28/2002	M. Spiritus, S. Magid	shared strip
162	Honeylocust	11.51	637.00	8/3/2002	Lenny, Anna	shared pit
163	Honeylocust	44.85	2819.00	8/3/2002	Lenny, Anna	
164	Honeylocust	2.00	233.00	8/3/2002	Lenny, Anna	shared pit
165	London Plane	854.77	8900.00	8/23/2002	Chris, Lenny	shared pit, heaving sidewalk
166	London Plane	583.94	6303.00	8/23/2002	Chris, Lenny	shared pit, roots overgrowing sidewalk
167	London Plane	904.52	11005.00	8/23/2002	Chris, Lenny	roots overgrowing sidewalk, compacted soil
168	London Plane	1113.81	13178.00	8/23/2002	Chris, Lenny	roots overgrowing pit, shared pit
169	Norway Maple	80.46	945.00	8/23/2002	Chris, Lenny	roots overgrowing sidewalk
170	Norway Maple	181.69	1684.00	8/23/2002	Chris, Lenny	
171	London Plane	1710.37	22109.00	8/23/2002	Chris, Lenny	shared pit
172	London Plane	691.36	7805.00	8/23/2002	Chris, Lenny	shared pit
173	London Plane	597.34	8900.00	8/23/2002	Chris, Lenny	shared pit
174	London Plane	562.71	8900.00	8/23/2002	Chris, Lenny	no sidewalk, shared pit
175	London Plane	392.53	6785.00	8/23/2002	Chris, Lenny	no sidewalk, shared pit

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
176	London Plane	Platanus x acerifolia	PLAC	NO	170 Tysen St	Front	Staten Island	Y	360
177	London Plane	Platanus x acerifolia	PLAC	NO	170 Tysen St	Front	Staten Island	Y	360
178	Norway Maple	Acer platanoides	ACPL	NO	182 Tysen St	Front	Staten Island	Y	240
179	Norway Maple	Acer platanoides	ACPL	NO	188 Tysen St	Front	Staten Island	Y	160
180	Norway Maple	Acer platanoides	ACPL	NO	188 Tysen St	Front	Staten Island	Y	160
181	Norway Maple	Acer platanoides	ACPL	NO	201 Tysen St	Front	Staten Island	Y	32
182	Tuliptree	Liriodendron tulipifera	LITU	YES	185 Tysen St	Front	Staten Island	N	0
183	Pin Oak	Quercus palustris	QUPA	YES	185 Tysen St	Front	Staten Island	N	0
184	Common Horsechestnut	Aesculus hippocastanum	AEHI	NO	177 Tysen St	Front	Staten Island	Y	200
185	Callery Pear	Pyrus calleryana	PYCA	NO	169 Tysen St	Front	Staten Island	Y	160
186	Japanese Flowering Cherry	Prunus serrulata	PRSE	NO	163 Tysen St	Front	Staten Island	N	0
187	London Plane	Platanus x acerifolia	PLAC	NO	151 Tysen St	Side	Staten Island	Y	600
188	Ash	Fraxinus pennsylvanica	FRPE	YES	185 Cassidy Pl	Across	Staten Island	Y	600
189	Tuliptree	Liriodendron tulipifera	LITU	YES	66 Fillmore St	Side	Staten Island	N	0
190	Tree of Heaven	Ailanthus altissima	AIAL	NO	66 Fillmore St	Side	Staten Island	N	0
191	Silver Maple	Acer saccharinum	ACSA1	YES	66 Fillmore St	Front	Staten Island	N	0
192	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Side	Staten Island	Y	35
193	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Side	Staten Island	Y	35
194	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Side	Staten Island	Y	40
195	Norway Maple	Acer platanoides	ACPL	NO	105 Cassidy Pl	Side	Staten Island	N	0
196	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Side	Staten Island	Y	35
197	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Front	Staten Island	Y	28
198	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Front	Staten Island	Y	28
199	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Front	Staten Island	Y	28
200	London Plane	Platanus x acerifolia	PLAC	NO	105 Cassidy Pl	Front	Staten Island	N	0
201	London Plane	Platanus x acerifolia	PLAC	NO	115 Cassidy Pl	Front	Staten Island	N	0
202	Littleleaf Linden	Tilia cordata	TICO	NO	115 Cassidy Pl	Front	Staten Island	N	0
203	London Plane	Platanus x acerifolia	PLAC	NO	135 Cassidy Pl	Front	Staten Island	Y	28
204	Littleleaf Linden	Tilia cordata	TICO	NO	145 Cassidy Pl	Front	Staten Island	Y	28
205	Littleleaf Linden	Tilia cordata	TICO	NO	145 Cassidy Pl	Front	Staten Island	Y	28
206	Littleleaf Linden	Tilia cordata	TICO	NO	145 Cassidy Pl	Front	Staten Island	Y	28
207	Littleleaf Linden	Tilia cordata	TICO	NO	145 Cassidy Pl	Side	Staten Island	Y	28
208	American Elm	Ulmus americana	ULAM	YES	66 Fillmore St	Side	Staten Island		0
209	Black Cherry	Prunus serotina	PRSE1	YES	66 Fillmore St	Side	Staten Island	N	0
210	Norway Maple	Acer platanoides	ACPL	NO	66 Fillmore St	Side	Staten Island	N	0

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
176	London Plane	Planted	N	Good	1	71.1	25.9	132	30	197.3	384.74	16.80	1.95
177	London Plane	Planted	N	Good	1	81.3	27.4	128	30	205.0	418.12	18.26	2.04
178	Norway Maple	Planted	N	Good	1	43.2	12.8	76	80	116.7	464.66	25.08	3.98
179	Norway Maple	Planted	N	Good	1	33.0	14.0	57	60	57.2	346.90	18.72	6.06
180	Norway Maple	Planted	N	Poor	1	40.6	9.8	75	35	45.6	136.96	7.39	3.00
181	Norway Maple	Planted	N	Poor	1	53.3	15.8	92	20	122.7	174.17	9.40	1.42
182	Tuliptree		N	Good	1	30.5	14.6	46	50	45.6	336.62	19.84	7.38
183	Pin Oak		N	Good	1	33.0	13.7	39	60	84.3	193.27	17.49	2.29
184	Common Horsechestnut		N	Good	1	45.7	12.2	120	75	57.2	385.82	26.98	6.74
185	Callery Pear		N	Good	1	15.2	11.3	24	90	32.2	242.62	18.02	7.54
186	Japanese Flowering Cherry		N	Good	1	63.5	15.2	100	95	99.9	456.97	35.44	4.57
187	London Plane		N	Good	1	63.5	25.0	100	55	280.5	971.87	42.44	3.47
188	Ash		N	Good	1	20.3	12.2	40	65	45.6	191.07	12.46	4.19
189	Tuliptree		N	Excellent	1	137.2	35.1	214	70	378.3	2250.62	132.67	5.95
190	Tree of Heaven		N	Good	2	30.6	9.1	36	40	57.2	117.85	8.75	2.06
191	Silver Maple		N	Good	2	86.2	21.9	99	40	134.9	302.21	15.91	2.24
192	London Plane		N	Poor	2	45.4	13.4	62	25	57.2	96.27	4.20	1.68
193	London Plane		N	Good	2	41.0	13.4	56	50	65.7	244.96	10.70	3.73
194	London Plane	Fair	N	Good	1	73.7	17.1	116	40	212.8	442.56	19.33	2.08
195	Norway Maple		N	Excellent	1	63.5	21.9	110	85	237.1	1430.70	77.22	6.04
196	London Plane		N	Good	1	43.2	14.6	66	40	99.9	221.59	9.68	2.22
197	London Plane		N	Good	1	53.3	12.2	84	40	99.9	195.18	8.52	1.95
198	London Plane		N	Good	1	50.8	12.2	80	40	116.7	206.53	9.02	1.77
199	London Plane		N	Good	1	38.1	12.2	58	35	79.5	129.87	5.67	1.63
200	London Plane		N	Good	1	55.9	21.9	86	40	141.3	372.93	16.29	2.64
201	London Plane		N	Good	1	61.0	21.9	96	35	161.2	355.41	15.52	2.21
202	Littleleaf Linden		N	Good	1	81.3	22.9	95	75	280.5	1220.09	91.39	4.35
203	London Plane		N	Poor	1	33.0	12.2	52	35	42.0	144.23	6.30	3.43
204	Littleleaf Linden		N	Good	1	15.2	7.3	18	80	16.4	83.74	6.27	5.10
205	Littleleaf Linden		N	Excellent	1	17.8	8.5	21	80	16.4	105.30	7.89	6.41
206	Littleleaf Linden		N	Good	1	17.8	7.9	21	80	8.8	56.80	4.25	6.43
207	Littleleaf Linden		N	Good	1	10.2	3.7	12	70	3.6	10.64	0.80	2.98
208	American Elm			Good	3	22.3	6.1	16	55	10.5	28.71	2.09	2.73
209	Black Cherry		N	Good	3	43.0	9.8	65	65	49.3	193.04	14.97	3.91
210	Norway Maple		N	Good	3	23.6	9.8	22	80	18.7	138.75	7.49	7.43

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
176	London Plane	1516.76	30.79	31.41	0.64	41.59	362.31	179.78	213.39	95.23
177	London Plane	2094.58	42.52	38.00	0.77	45.20	393.75	195.38	227.14	103.50
178	Norway Maple	446.31	9.06	14.25	0.29	62.08	540.84	268.37	196.50	142.16
179	Norway Maple	253.71	5.15	10.45	0.21	46.35	403.77	200.35	131.61	106.13
180	Norway Maple	374.24	7.60	9.72	0.20	18.30	159.42	79.10	63.56	41.90
181	Norway Maple	734.44	14.91	14.36	0.29	23.27	202.73	100.60	113.40	53.29
182	Tuliptree	158.82	3.22	7.72	0.16	49.12	427.92	212.34	122.72	112.48
183	Pin Oak	250.57	5.09	11.50	0.23	43.30	377.19	187.17	99.76	99.15
184	Common Horsechestnut	497.62	10.10	16.18	0.33	66.79	581.85	288.72	143.14	152.94
185	Callery Pear	36.71	0.75	3.55	0.07	44.61	388.69	192.87	88.10	102.17
186	Japanese Flowering Cherry	1418.26	28.79	33.56	0.68	87.72	764.24	379.23	185.73	200.88
187	London Plane	1155.05	23.45	26.75	0.54	105.05	915.23	454.15	429.27	240.57
188	Ash	61.83	1.26	3.42	0.07	30.85	268.76	133.36	79.59	70.64
189	Tuliptree	5829.81	118.35	62.26	1.26	328.40	2861.06	1419.69	857.44	752.03
190	Tree of Heaven	186.88	3.79	9.10	0.18	21.67	188.80	93.68	63.74	49.63
191	Silver Maple	1844.79	37.45	26.56	0.54	39.37	343.01	170.21	157.51	90.16
192	London Plane	493.61	10.02	12.22	0.25	10.41	90.66	44.99	57.34	23.83
193	London Plane	385.40	7.82	13.95	0.28	26.48	230.68	114.47	105.67	60.64
194	London Plane	1593.81	32.35	32.18	0.65	47.84	416.77	206.80	238.32	109.55
195	Norway Maple	1140.79	23.16	24.45	0.50	191.14	1665.26	826.32	543.36	437.71
196	London Plane	440.14	8.93	15.09	0.31	23.95	208.67	103.55	115.98	54.85
197	London Plane	719.64	14.61	20.10	0.41	21.10	183.81	91.21	108.16	48.31
198	London Plane	640.27	13.00	18.76	0.38	22.32	194.49	96.51	120.01	51.12
199	London Plane	322.06	6.54	12.54	0.25	14.04	122.30	60.69	78.51	32.15
200	London Plane	842.08	17.09	22.19	0.45	40.31	351.20	174.27	181.67	92.31
201	London Plane	1035.26	21.02	25.04	0.51	38.42	334.69	166.08	186.51	87.97
202	Littleleaf Linden	1279.64	25.98	22.75	0.46	226.23	1970.92	977.99	502.82	518.06
203	London Plane	229.12	4.65	7.79	0.16	15.59	135.82	67.40	63.91	35.70
204	Littleleaf Linden	24.70	0.50	2.39	0.05	15.53	135.27	67.12	33.08	35.56
205	Littleleaf Linden	35.53	0.72	2.94	0.06	19.52	170.09	84.40	39.47	44.71
206	Littleleaf Linden	35.53	0.72	2.94	0.06	10.53	91.75	45.53	21.28	24.12
207	Littleleaf Linden	9.50	0.19	1.40	0.03	1.97	17.19	8.53	4.96	4.52
208	American Elm	76.09	1.54	5.09	0.10	5.17	45.03	22.34	13.80	11.84
209	Black Cherry	544.80	11.06	19.12	0.39	37.06	322.84	160.20	82.05	84.86
210	Norway Maple	113.71	2.31	6.62	0.13	18.54	161.50	80.14	50.52	42.45

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
176	London Plane	892.31	0.04	2.45	1.21	0.96	0.16	4.82	654.50	4.10	71.76
177	London Plane	964.98	0.04	2.66	1.32	1.02	0.17	5.22	711.30	4.46	77.98
178	Norway Maple	1209.95	0.06	3.65	1.81	0.89	0.24	6.64	1.40	97.96	107.12
179	Norway Maple	888.21	0.04	2.73	1.35	0.59	0.18	4.89	1.04	73.14	79.97
180	Norway Maple	362.28	0.02	1.08	0.53	0.29	0.07	1.98	0.41	28.88	31.57
181	Norway Maple	493.27	0.02	1.37	0.68	0.51	0.09	2.67	0.52	36.72	40.15
182	Tuliptree	924.56	0.05	2.89	1.43	0.55	0.19	5.11	1.10	9.69	84.75
183	Pin Oak	806.56	0.04	2.55	1.26	0.45	0.16	4.47	681.38	8.54	74.70
184	Common Horsechestnut	1233.43	0.06	3.93	1.95	0.65	0.25	6.84	1.50	105.39	115.24
185	Callery Pear	816.44	0.04	2.62	1.30	0.40	0.17	4.54	0.00	0.00	76.98
186	Japanese Flowering Cherry	1617.80	0.08	5.16	2.56	0.84	0.33	8.97	1.97	8.65	151.36
187	London Plane	2144.26	0.10	6.18	3.07	1.94	0.40	11.68	1653.31	10.36	181.26
188	Ash	583.20	0.03	1.81	0.90	0.36	0.12	3.22	0.69	3.04	53.23
189	Tuliptree	6218.61	0.31	19.32	9.59	3.87	1.24	34.33	7.38	64.78	566.64
190	Tree of Heaven	417.51	0.02	1.27	0.63	0.29	0.08	2.30	0.49	34.20	37.39
191	Silver Maple	800.26	0.04	2.32	1.15	0.71	0.15	4.36	0.89	62.13	67.93
192	London Plane	227.22	0.01	0.61	0.30	0.26	0.04	1.22	163.77	1.03	17.96
193	London Plane	537.93	0.03	1.56	0.77	0.48	0.10	2.93	416.72	2.61	45.69
194	London Plane	1019.27	0.05	2.81	1.40	1.07	0.18	5.51	752.87	4.72	82.54
195	Norway Maple	3663.79	0.18	11.24	5.58	2.45	0.72	20.18	4.30	301.63	329.81
196	London Plane	507.00	0.02	1.41	0.70	0.52	0.09	2.74	376.96	2.36	41.33
197	London Plane	452.58	0.02	1.24	0.62	0.49	0.08	2.44	332.04	2.08	36.40
198	London Plane	484.46	0.02	1.31	0.65	0.54	0.08	2.61	351.34	2.20	38.52
199	London Plane	307.69	0.01	0.83	0.41	0.35	0.05	1.66	220.94	1.39	24.22
200	London Plane	839.76	0.04	2.37	1.18	0.82	0.15	4.56	634.42	3.98	69.56
201	London Plane	813.67	0.04	2.26	1.12	0.84	0.15	4.40	604.61	3.79	66.29
202	Littleleaf Linden	4196.02	0.22	13.31	6.60	2.27	0.86	23.25	0.00	0.00	390.34
203	London Plane	318.42	0.02	0.92	0.46	0.29	0.06	1.73	245.36	1.54	26.90
204	Littleleaf Linden	286.55	0.01	0.91	0.45	0.15	0.06	1.59	0.00	0.00	26.79
205	Littleleaf Linden	358.20	0.02	1.15	0.57	0.18	0.07	1.99	0.00	0.00	33.69
206	Littleleaf Linden	193.21	0.01	0.62	0.31	0.10	0.04	1.07	0.00	0.00	18.17
207	Littleleaf Linden	37.17	0.00	0.12	0.06	0.02	0.01	0.21	0.00	0.00	3.41
208	American Elm	98.18	0.01	0.30	0.15	0.06	0.02	0.54	0.12	0.51	8.92
209	Black Cherry	687.00	0.04	2.18	1.08	0.37	0.14	3.81	0.83	3.66	63.94
210	Norway Maple	353.15	0.02	1.09	0.54	0.23	0.07	1.95	0.42	29.25	31.99

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
176	London Plane	730.36	7805.00	8/23/2002	Chris, Lenny	no sidewalk, shared pit
177	London Plane	793.74	9870.00	8/23/2002	Chris	shared pit, no sidewalk
178	Norway Maple	206.47	2786.00	8/23/2002	Lenny	
179	Norway Maple	154.14	1804.00	8/23/2002	Lenny	
180	Norway Maple	60.86	1642.00	8/23/2002	Lenny	large limb broken off
181	Norway Maple	77.39	2630.00	8/23/2002	Lenny	
182	Tuliptree	95.54	1842.00	8/23/2002	Lenny	lawn
183	Pin Oak	764.62	2286.00	8/23/2002	Lenny	lawn, no sidewalk
184	Common Horsechestnut	222.13	2685.00	8/23/2002	Lenny	no sidewalk
185	Callery Pear	76.98	705.00	8/23/2002	Lenny	no sidewalk
186	Japanese Flowering Cherry	161.98	5153.00	8/23/2002	Lenny	lawn
187	London Plane	1844.93	6303.00	8/23/2002	Lenny	no sidewalk
188	Ash	56.96	975.00	8/23/2002	Lenny	no sidewalk
189	Tuliptree	638.80	23069.00	9/16/2002	Mark, David	lawn
190	Tree of Heaven	72.08	877.00	9/16/2002	Lenny	lawn
191	Silver Maple	130.95	6114.00	9/16/2002	Mark, David	lawn
192	London Plane	182.75	2234.00	9/16/2002	Mark, David	weeds
193	London Plane	465.02	2856.00	9/16/2002	Mark, David	bare pit
194	London Plane	840.13	8343.00	9/16/2002	Mark, David	
195	Norway Maple	635.74	5828.00	9/16/2002	Mark, David	lawn
196	London Plane	420.65	3130.00	9/16/2002	Mark, David	fair
197	London Plane	370.52	4566.00	9/16/2002	Mark, David	fair
198	London Plane	392.07	4178.00	9/16/2002	Mark, David	fair
199	London Plane	246.54	2526.00	9/16/2002	Mark, David	fair
200	London Plane	707.95	4972.00	9/16/2002	Mark, Lenny	lawn
201	London Plane	674.68	5840.00	9/16/2002	Mark, Lenny	lawn
202	Littleleaf Linden	390.34	11734.00	9/16/2002	Mark, Lenny	lawn
203	London Plane	273.80	1303.00	9/16/2002	Mark, Lenny	weeds
204	Littleleaf Linden	26.79	779.00	9/16/2002	Mark, Lenny	fair
205	Littleleaf Linden	33.69	975.00	9/16/2002	Mark, Lenny	fair
206	Littleleaf Linden	18.17	926.00	9/16/2002	Mark, Lenny	weeds
207	Littleleaf Linden	3.41	497.00	9/16/2002	Mark, Lenny	weeds
208	American Elm	9.54	936.00	9/16/2002	Mark, David	
209	Black Cherry	68.43	2592.00	9/16/2002	Mark, David	
210	Norway Maple	61.66	1125.00	9/16/2002	Mark, David	tree growing through fence

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
211	Norway Maple	Acer platanoides	ACPL	NO	66 Fillmore St	Side	Staten Island	N	0
212	Pin Oak	Quercus palustris	QUPA	YES	75 Clinton Ave	Front	Staten Island	N	0
1000	Japanese Zelkova	Zelkova serrata	ZESE	NO	13 Stanton St	Front	Manhattan	Y	16
1001	Littleleaf Linden	Tilia cordata	TICO	NO	9 Stanton St	Front	Manhattan	Y	20
1002	Littleleaf Linden	Tilia cordata	TICO	NO	10 Stanton St	Front	Manhattan	Y	24
1003	Callery Pear	Pyrus calleryana	PYCA	NO	10 Stanton St	Front	Manhattan	Y	24
1004	Callery Pear	Pyrus calleryana	PYCA	NO	10 Stanton St	Front	Manhattan	Y	24
1005	Callery Pear	Pyrus calleryana	PYCA	NO	10 Stanton St	Front	Manhattan	Y	24
1006	Callery Pear	Pyrus calleryana	PYCA	NO	10 Stanton St	Side	Manhattan	Y	24
1007	Callery Pear	Pyrus calleryana	PYCA	NO	10 Stanton St	Side	Manhattan	Y	24
1008	Callery Pear	Pyrus calleryana	PYCA	NO	10 Stanton St	Side	Manhattan	Y	24
1009	Ginkgo	Ginkgo biloba	GIBI	NO	225 E. Houston St	Front	Manhattan	Y	25
1010	Honeylocust	Gleditsia triacanthos	GLTR	NO	111 Stanton St	Front	Manhattan	Y	25
1011	Callery Pear	Pyrus calleryana	PYCA	NO	150 Ludlow St	Front	Manhattan	Y	25
1012	Callery Pear	Pyrus calleryana	PYCA	NO	99 Stanton St	Front	Manhattan	Y	25
1013	Callery Pear	Pyrus calleryana	PYCA	NO	100 Stanton St	Front	Manhattan	Y	28
1014	Red Oak	Quercus rubra	QURU	YES	96 Stanton St	Front	Manhattan	Y	30
1015	Pin Oak	Quercus palustris	QUPA	YES	172 Orchard St	Side	Manhattan	Y	24
1016	Japanese Zelkova	Zelkova serrata	ZESE	NO	86 Stanton St	Front	Manhattan	Y	30
1017	Japanese Zelkova	Zelkova serrata	ZESE	NO	85 Stanton St	Front	Manhattan	Y	35
1018	Spruce	Picea species	PI1	NO	170 Eldridge St	Front	Manhattan	Y	4
1019	Littleleaf Linden	Tilia cordata	TICO	NO	55 Delancy St	Median	Manhattan	Y	10
1020	London Plane	Platanus x acerifolia	PLAC	NO	140 Bowery	Front	Manhattan	Y	20
1021	London Plane	Platanus x acerifolia	PLAC	NO	150 Bowery	Front	Manhattan	Y	20
1022	London Plane	Platanus x acerifolia	PLAC	NO	158 Bowery	Front	Manhattan	Y	20
1023	Littleleaf Linden	Tilia cordata	TICO	NO	164 Bowery	Front	Manhattan	Y	20
1024	Littleleaf Linden	Tilia cordata	TICO	NO	171 Bowery	Front	Manhattan		20
1025	Honeylocust	Gleditsia triacanthos	GLTR	NO	163 Bowery	Front	Manhattan	Y	20
1026	American Elm	Ulmus americana	ULAM	YES	1 Delancy St	Median	Manhattan	Y	25
1027	Japanese Zelkova	Zelkova serrata	ZESE	NO	1B Delancy St	Median	Manhattan	Y	25
1028	American Elm	Ulmus americana	ULAM	YES	1C Delancy St	Median	Manhattan	Y	25
1029	Japanese Sophora	Styphnolobium japonicum	SOJA	NO	137 Christie St	Front	Manhattan	Y	20
1030	Honeylocust	Gleditsia triacanthos	GLTR	NO	66 Rivington St	Front	Manhattan		35
1031	Honeylocust	Gleditsia triacanthos	GLTR	NO	200 Eldridge St	Front	Manhattan	Y	20
1032	Honeylocust	Gleditsia triacanthos	GLTR	NO	200 Eldridge St	Front	Manhattan	Y	20

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
211	Norway Maple		N	Good	1	12.7	6.1	22	70	10.5	36.30	1.96	3.45
212	Pin Oak		N	Good	1	106.7	29.3	125	70	212.8	580.86	52.57	2.73
1000	Japanese Zelkova		N	Good	1	10.2	3.7	14	55	18.7	13.30	0.99	0.71
1001	Littleleaf Linden		N	Excellent	1	10.2	3.7	11	85	8.8	25.62	1.92	2.90
1002	Littleleaf Linden		N	Poor	1	7.6	3.7	8	25	1.8	2.25	0.17	1.23
1003	Callery Pear		N	Poor	1	25.4	7.3	29	35	57.2	71.40	5.30	1.25
1004	Callery Pear		N	Good	1	22.9	7.3	28	60	57.2	129.76	9.64	2.27
1005	Callery Pear		N	Good	1	25.4	7.3	29	55	49.3	81.73	6.07	1.66
1006	Callery Pear		N	Good	1	27.9	8.5	34	65	65.7	176.16	13.09	2.68
1007	Callery Pear		N	Good	1	35.6	8.5	41	80	128.7	302.68	22.49	2.35
1008	Callery Pear		N	Poor	1	20.3	7.3	23	20	32.2	24.28	1.80	0.75
1009	Ginkgo		N	Good	1	25.4	8.5	38	65	10.5	33.11	1.46	3.15
1010	Honeylocust		N	Good	1	10.2	9.8	14	55	38.6	41.43	4.34	1.07
1011	Callery Pear		N	Good	1	7.6	7.3	13	40	16.4	26.49	1.97	1.61
1012	Callery Pear		N	Good	1	7.6	6.7	13	75	4.7	17.77	1.32	3.81
1013	Callery Pear		N	Good	1	10.2	5.5	14	80	3.6	12.04	0.89	3.37
1014	Red Oak		N	Good	1	5.1	5.5	8	55	2.6	6.86	0.55	2.61
1015	Pin Oak		N	Excellent	1	5.1	3.0	6	70	2.6	2.94	0.27	1.12
1016	Japanese Zelkova		N	Good	1	7.6	5.8	12	55	5.9	9.28	0.69	1.57
1017	Japanese Zelkova		N	Excellent	1	7.6	5.5	10	45	10.5	13.85	1.03	1.32
1018	Spruce		N	Good	1	2.5	1.5	8	80	0.7	5.20	0.88	7.92
1019	Littleleaf Linden		N	Good	1	15.2	5.8	17	75	12.3	47.72	3.57	3.87
1020	London Plane		N	Poor	1	15.2	11.0	58	45	45.6	109.93	4.80	2.41
1021	London Plane		N	Good	1	10.2	6.7	15	60	5.9	23.32	1.02	3.95
1022	London Plane		N	Poor	1	45.7	12.2	72	45	79.5	231.22	10.10	2.91
1023	Littleleaf Linden		N	Good	1	15.2	4.9	18	45	8.8	15.47	1.16	1.75
1024	Littleleaf Linden		N	Good	1	20.3	7.0	24	80	18.7	89.28	6.69	4.78
1025	Honeylocust		N	Excellent	1	5.1	3.7	7	45	1.8	1.42	0.15	0.78
1026	American Elm		N	Good	1	7.6	6.4	13	35	7.3	15.59	1.13	2.14
1027	Japanese Zelkova		N	Excellent	1	17.8	6.4	27	85	18.7	60.02	4.46	3.21
1028	American Elm		N	Good	1	10.2	6.4	14	40	18.7	42.16	3.07	2.26
1029	Japanese Sophora		N	Good	1	35.6	9.8	57	70	65.7	169.19	19.23	2.58
1030	Honeylocust		N	Dead	1	5.1	4.9	8	5	0.0	0.00	0.00	0.00
1031	Honeylocust		N	Good	1	20.3	9.8	30	55	45.6	45.30	4.74	0.99
1032	Honeylocust		Y	Good	1	17.8	12.2	30	55	53.2	81.81	8.57	1.54

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
211	Norway Maple	27.26	0.55	2.97	0.06	4.85	42.25	20.97	16.05	11.11
212	Pin Oak	4679.18	94.99	48.95	0.99	130.12	1133.62	562.51	279.30	297.97
1000	Japanese Zelkova	12.78	0.26	1.91	0.04	3.53	11.43	12.14	17.07	8.11
1001	Littleleaf Linden	9.50	0.19	1.40	0.03	6.85	22.19	23.58	15.39	15.74
1002	Littleleaf Linden	4.82	0.10	0.72	0.01	0.60	1.95	2.07	2.03	1.38
1003	Callery Pear	118.23	2.40	5.26	0.11	18.94	61.35	65.19	63.90	43.52
1004	Callery Pear	91.96	1.87	6.01	0.12	34.42	111.49	118.48	86.01	79.10
1005	Callery Pear	118.23	2.40	6.95	0.14	21.68	70.22	74.62	62.73	49.82
1006	Callery Pear	149.91	3.04	7.99	0.16	46.73	151.35	160.84	109.04	107.37
1007	Callery Pear	266.72	5.41	11.19	0.23	80.29	260.06	276.36	197.58	184.49
1008	Callery Pear	69.49	1.41	3.86	0.08	6.44	20.86	22.17	29.93	14.80
1009	Ginkgo	119.46	2.43	7.00	0.14	5.21	16.88	17.94	19.31	11.98
1010	Honeylocust	14.01	0.28	2.04	0.04	15.44	50.01	53.32	40.56	35.60
1011	Callery Pear	6.92	0.14	1.36	0.03	7.03	22.76	24.19	20.61	16.15
1012	Callery Pear	6.84	0.14	1.35	0.03	4.71	15.27	16.23	9.74	10.83
1013	Callery Pear	13.16	0.27	1.95	0.04	3.19	10.34	10.99	6.86	7.34
1014	Red Oak	2.71	0.06	0.86	0.02	1.95	6.32	6.71	4.29	4.48
1015	Pin Oak	2.18	0.04	0.70	0.01	0.95	3.08	3.27	2.81	2.19
1016	Japanese Zelkova	6.73	0.14	1.34	0.03	2.46	7.97	8.47	7.32	5.65
1017	Japanese Zelkova	6.70	0.14	1.33	0.03	3.68	11.90	12.65	12.02	8.44
1018	Spruce	0.87	0.02	0.32	0.01	3.15	10.21	10.85	2.39	7.24
1019	Littleleaf Linden	24.70	0.50	2.39	0.05	12.76	41.35	43.94	26.02	29.33
1020	London Plane	36.59	0.74	2.68	0.05	17.14	55.52	59.00	71.02	39.39
1021	London Plane	13.41	0.27	1.98	0.04	3.64	11.78	12.52	12.64	8.36
1022	London Plane	497.62	10.10	12.27	0.25	36.05	116.78	124.10	138.78	82.84
1023	Littleleaf Linden	24.70	0.50	2.39	0.05	4.14	13.41	14.25	11.55	9.51
1024	Littleleaf Linden	48.69	0.99	3.51	0.07	23.88	77.35	82.20	45.86	54.87
1025	Honeylocust	2.49	0.05	0.76	0.02	0.53	1.72	1.83	1.71	1.22
1026	American Elm	5.80	0.12	1.18	0.02	4.05	13.12	13.94	10.61	9.31
1027	Japanese Zelkova	50.11	1.02	4.22	0.09	15.92	51.57	54.80	34.77	36.58
1028	American Elm	11.56	0.23	1.73	0.04	10.95	35.46	37.68	28.00	25.16
1029	Japanese Sophora	268.93	5.46	11.26	0.23	68.65	222.37	236.31	106.40	157.75
1030	Honeylocust	2.57	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1031	Honeylocust	71.12	1.44	5.19	0.11	16.88	54.68	58.30	46.54	38.92
1032	Honeylocust	53.15	1.08	4.40	0.09	30.48	98.74	105.29	65.26	70.29

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
211	Norway Maple	95.23	0.00	0.29	0.14	0.07	0.02	0.52	0.11	7.65	8.37
212	Pin Oak	2403.52	0.12	7.65	3.80	1.26	0.49	13.33	2047.82	25.67	224.51
1000	Japanese Zelkova	52.27	0.00	0.08	0.08	0.08	0.01	0.25	0.07	0.48	4.22
1001	Littleleaf Linden	83.77	0.01	0.15	0.16	0.07	0.03	0.41	0.00	0.00	8.20
1002	Littleleaf Linden	8.02	0.00	0.01	0.01	0.01	0.00	0.04	0.00	0.00	0.72
1003	Callery Pear	252.90	0.02	0.41	0.44	0.29	0.07	1.23	0.00	0.00	22.66
1004	Callery Pear	429.50	0.03	0.75	0.80	0.39	0.13	2.10	0.00	0.00	41.17
1005	Callery Pear	279.07	0.02	0.47	0.50	0.28	0.08	1.36	0.00	0.00	25.93
1006	Callery Pear	575.33	0.04	1.02	1.09	0.49	0.18	2.82	0.00	0.00	55.89
1007	Callery Pear	998.79	0.08	1.75	1.87	0.89	0.31	4.89	0.00	0.00	96.04
1008	Callery Pear	94.20	0.01	0.14	0.15	0.13	0.02	0.46	0.00	0.00	7.70
1009	Ginkgo	71.33	0.01	0.11	0.12	0.09	0.02	0.35	0.00	10.69	6.24
1010	Honeylocust	194.93	0.01	0.34	0.36	0.18	0.06	0.96	0.31	2.11	18.47
1011	Callery Pear	90.73	0.01	0.15	0.16	0.09	0.03	0.44	0.00	0.00	8.41
1012	Callery Pear	56.79	0.00	0.10	0.11	0.04	0.02	0.28	0.00	0.00	5.64
1013	Callery Pear	38.73	0.00	0.07	0.07	0.03	0.01	0.19	0.00	0.00	3.82
1014	Red Oak	23.75	0.00	0.04	0.05	0.02	0.01	0.12	27.67	0.27	2.33
1015	Pin Oak	12.29	0.00	0.02	0.02	0.01	0.00	0.06	13.49	0.13	1.14
1016	Japanese Zelkova	31.88	0.00	0.05	0.06	0.03	0.01	0.16	0.05	0.34	2.94
1017	Japanese Zelkova	48.69	0.00	0.08	0.09	0.05	0.01	0.24	0.07	0.50	4.40
1018	Spruce	33.84	0.00	0.07	0.07	0.01	0.01	0.17	9.51	7.75	4.52
1019	Littleleaf Linden	153.40	0.01	0.28	0.30	0.12	0.05	0.75	0.00	0.00	15.27
1020	London Plane	242.07	0.02	0.37	0.40	0.32	0.07	1.17	243.13	1.17	20.50
1021	London Plane	48.93	0.00	0.08	0.08	0.06	0.01	0.24	51.58	0.25	4.35
1022	London Plane	498.56	0.03	0.79	0.84	0.63	0.14	2.42	511.40	2.47	43.12
1023	Littleleaf Linden	52.85	0.00	0.09	0.10	0.05	0.02	0.26	0.00	0.00	4.95
1024	Littleleaf Linden	284.15	0.02	0.52	0.56	0.21	0.09	1.40	0.00	0.00	28.56
1025	Honeylocust	7.02	0.00	0.01	0.01	0.01	0.00	0.03	0.01	0.07	0.64
1026	American Elm	51.02	0.00	0.09	0.09	0.05	0.02	0.25	0.08	0.28	4.84
1027	Japanese Zelkova	193.64	0.02	0.35	0.37	0.16	0.06	0.95	0.32	2.18	19.04
1028	American Elm	137.25	0.01	0.24	0.25	0.13	0.04	0.67	0.22	0.75	13.10
1029	Japanese Sophora	791.49	0.07	1.50	1.60	0.48	0.26	3.90	1.39	9.39	82.12
1030	Honeylocust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1031	Honeylocust	215.32	0.02	0.37	0.39	0.21	0.06	1.05	0.34	2.31	20.19
1032	Honeylocust	370.05	0.03	0.67	0.71	0.29	0.12	1.82	0.62	4.17	36.46

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
211	Norway Maple	16.13	626.00	9/16/2002	Mark, David	tree growing through fence
212	Pin Oak	2298.00	18156.00	9/19/2002	Lenny	lawn
1000	Japanese Zelkova	4.77	442.00	6/15/2002	JS, KS, JH	
1001	Littleleaf Linden	8.20	523.00	6/15/2002	JS, KS, JH	
1002	Littleleaf Linden	0.72	182.00	6/15/2002	JS, KS, JH	
1003	Callery Pear	22.66	778.00	6/15/2002	JS, KS, JH	
1004	Callery Pear	41.17	1048.00	6/15/2002	JS, KS, JH	
1005	Callery Pear	25.93	1192.00	6/15/2002	JS, KS, JH	
1006	Callery Pear	55.89	1352.00	6/15/2002	JS, KS, JH	
1007	Callery Pear	96.04	1924.00	6/15/2002	JS, KS, JH	
1008	Callery Pear	7.70	599.00	6/15/2002	JS, KS, JH	
1009	Ginkgo	16.93	1187.00	6/15/2002	DD, MF, MB	
1010	Honeylocust	20.89	414.00	6/15/2002	DD, MF, MB	
1011	Callery Pear	8.41	188.00	6/15/2002	DD, MF, MB	
1012	Callery Pear	5.64	188.00	6/15/2002	DD, MF, MB	
1013	Callery Pear	3.82	334.00	6/15/2002	DD, MF, MB	
1014	Red Oak	30.27	131.00	6/15/2002	DD, MF, MB	
1015	Pin Oak	14.75	131.00	6/15/2002	DD, MF, MB	
1016	Japanese Zelkova	3.33	248.00	6/15/2002	DD, MF, MB	
1017	Japanese Zelkova	4.97	262.00	6/15/2002	DD, MF, MB	
1018	Spruce	21.78	71.00	6/15/2002	LC, DE, JL	Planter
1019	Littleleaf Linden	15.27	779.00	6/15/2002	LC, DE, JL	
1020	London Plane	264.81	484.00	6/15/2002	LC, DE, JL	
1021	London Plane	56.18	414.00	6/15/2002	LC, DE, JL	
1022	London Plane	556.99	2259.00	6/15/2002	LC, DE, JL	
1023	Littleleaf Linden	4.95	779.00	6/15/2002	LC, DE, JL	
1024	Littleleaf Linden	28.56	1096.00	6/15/2002	LC, DE, JL	
1025	Honeylocust	0.72	109.00	6/15/2002	LC, DE, JL	
1026	American Elm	5.20	155.00	6/15/2002	LC, DE, JL	
1027	Japanese Zelkova	21.54	931.00	6/15/2002	LC, DE, JL	Median strip
1028	American Elm	14.07	276.00	6/15/2002	LC, DE, JL	Median strip
1029	Japanese Sophora	92.90	1924.00	6/15/2002	LC, DE, JL	
1030	Honeylocust	0.00	0.00	6/15/2002	JB, GW, CS	
1031	Honeylocust	22.84	1005.00	6/15/2002	JB, GW, CS	
1032	Honeylocust	41.25	864.00	6/15/2002	JB, GW, CS	

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
1033	Honeylocust	Gleditsia triacanthos	GLTR	NO	210 Eldridge St	Front	Manhattan	Y	15
1034	Honeylocust	Gleditsia triacanthos	GLTR	NO	210 Eldridge St	Front	Manhattan	Y	15
1035	Honeylocust	Gleditsia triacanthos	GLTR	NO	212 Eldridge St	Front	Manhattan	Y	15
1036	Honeylocust	Gleditsia triacanthos	GLTR	NO	212 Eldridge St	Front	Manhattan	Y	15
1037	Honeylocust	Gleditsia triacanthos	GLTR	NO	212 Eldridge St	Front	Manhattan	Y	15
1038	Honeylocust	Gleditsia triacanthos	GLTR	NO	71 Stanton St	Side	Manhattan		15
1039	Honeylocust	Gleditsia triacanthos	GLTR	NO	71 Stanton St	Side	Manhattan	Y	15
1040	Honeylocust	Gleditsia triacanthos	GLTR	NO	57 Stanton St	Across	Manhattan	Y	20
1041	Honeylocust	Gleditsia triacanthos	GLTR	NO	53 Stanton St	Across	Manhattan		20
1042	Littleleaf Linden	Tilia cordata	TICO	NO	45 Stanton St	Front	Manhattan	Y	15
1043	Honeylocust	Gleditsia triacanthos	GLTR	NO	45 Stanton St	Front	Manhattan		0
1044	Littleleaf Linden	Tilia cordata	TICO	NO	49 Stanton St	Front	Manhattan	Y	20
1045	Honeylocust	Gleditsia triacanthos	GLTR	NO	49 Stanton St	Front	Manhattan	Y	20
1046	Honeylocust	Gleditsia triacanthos	GLTR	NO	53 Stanton St	Front	Manhattan	Y	24
1047	Honeylocust	Gleditsia triacanthos	GLTR	NO	219 Eldridge St	Front	Manhattan	Y	9
1048	Honeylocust	Gleditsia triacanthos	GLTR	NO	215 Eldridge St	Front	Manhattan	Y	20
1049	Honeylocust	Gleditsia triacanthos	GLTR	NO	211 Eldridge St	Front	Manhattan	Y	15
1050	Honeylocust	Gleditsia triacanthos	GLTR	NO	205 Eldridge St	Front	Manhattan	Y	20
1051	Honeylocust	Gleditsia triacanthos	GLTR	NO	205 Eldridge St	Front	Manhattan	Y	20
1052	Littleleaf Linden	Tilia cordata	TICO	NO	201 Eldridge St	Front	Manhattan	Y	20
1053	Japanese Flowering Cherry	Prunus serrulata	PRSE	NO	193 Eldridge St	Front	Manhattan	Y	20
1054	Japanese Sophora	Styphnolobium japonicum	SOJA	NO	193 Eldridge St	Front	Manhattan	Y	20
1055	Callery Pear	Pyrus calleryana	PYCA	NO	45 Rivington St	Across	Manhattan	Y	20
1056	Callery Pear	Pyrus calleryana	PYCA	NO	45 Rivington St	Across	Manhattan	Y	16
1057	Japanese Sophora	Styphnolobium japonicum	SOJA	NO	45 Rivington St	Front	Manhattan	Y	20
1058	Japanese Sophora	Styphnolobium japonicum	SOJA	NO	45 Rivington St	Front	Manhattan	Y	20
1059	Japanese Sophora	Styphnolobium japonicum	SOJA	NO	45 Rivington St	Front	Manhattan	Y	20
2060	Honeylocust	Gleditsia triacanthos	GLTR	NO	855 Faile St	Front	Bronx	Y	25
2061	Honeylocust	Gleditsia triacanthos	GLTR	NO	855 Faile St	Front	Bronx	Y	25
2062	Ginkgo	Ginkgo biloba	GIBI	NO	861 Faile St	Front	Bronx	Y	0
2063	Honeylocust	Gleditsia triacanthos	GLTR	NO	868 Faile St	Front	Bronx	Y	25
2064	Honeylocust	Gleditsia triacanthos	GLTR	NO	868 Faile St	Front	Bronx	Y	25
2065	Ginkgo	Ginkgo biloba	GIBI	NO	868 Faile St	Front	Bronx	Y	6
2066	Norway Maple	Acer platanoides	ACPL	NO	856 Faile St	Front	Bronx	Y	16
2067	Norway Maple	Acer platanoides	ACPL	NO	844 Faile St	Front	Bronx	Y	25

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
1033	Honeylocust		Y	Good	1	10.2	6.1	16	85	32.2	44.89	4.70	1.40
1034	Honeylocust		Y	Good	1	15.2	9.8	25	55	38.6	44.88	4.70	1.16
1035	Honeylocust		Y	Good	1	12.7	4.9	20	85	49.3	13.05	1.37	0.26
1036	Honeylocust		Y	Good	1	15.2	6.1	23	95	49.3	33.34	3.49	0.68
1037	Honeylocust		Y	Good	1	10.2	3.7	16	65	18.7	6.14	0.64	0.33
1038	Honeylocust		Y	Good	1	10.2	6.1	17	65	21.1	14.91	1.56	0.71
1039	Honeylocust		N	Dead	1	10.2	6.1	20	5	18.7	2.09	0.22	0.11
1040	Honeylocust		N	Good	1	15.2	7.3	23	75	45.6	61.78	6.47	1.35
1041	Honeylocust		N	Poor	1	12.7	4.6	20	55	32.2	12.67	1.33	0.39
1042	Littleleaf Linden		N	Good	1	17.8	4.9	21	85	21.1	28.38	2.13	1.35
1043	Honeylocust			Dead	1	17.8	4.9	20	5	0.0	0.00	0.00	0.00
1044	Littleleaf Linden		Y	Good	1	5.1	4.0	6	25	0.7	1.49	0.11	2.28
1045	Honeylocust		Y	Good	1	15.2	6.7	24	65	42.0	45.71	4.79	1.09
1046	Honeylocust		N	Good	1	10.2	4.9	16	55	29.2	14.85	1.55	0.51
1047	Honeylocust		N	Good	1	12.7	3.7	18	75	45.6	16.62	1.74	0.36
1048	Honeylocust		N	Good	1	7.6	4.0	11	45	12.3	5.19	0.54	0.42
1049	Honeylocust		Y	Good	1	15.2	6.1	22	75	61.4	59.08	6.19	0.96
1050	Honeylocust		N	Good	1	5.1	3.7	7	55	5.9	3.33	0.35	0.56
1051	Honeylocust		Y	Good	1	15.2	9.8	23	65	49.3	66.20	6.93	1.34
1052	Littleleaf Linden		Y	Good	1	17.8	7.3	21	95	26.3	148.68	11.14	5.64
1053	Japanese Flowering Cherry		N	Good	1	7.6	4.0	9	85	10.5	26.20	2.03	2.49
1054	Japanese Sophora		N	Good	1	15.2	7.0	24	85	38.6	110.92	12.60	2.87
1055	Callery Pear		N	Good	1	25.4	7.3	40	75	57.2	162.21	12.05	2.84
1056	Callery Pear		N	Good	1	20.3	7.3	32	45	29.2	25.56	1.90	0.88
1057	Japanese Sophora		N	Good	1	10.2	4.6	14	95	12.3	26.66	3.03	2.16
1058	Japanese Sophora		N	Good	1	7.6	3.0	10	45	1.8	2.28	0.26	1.25
1059	Japanese Sophora		N	Good	1	5.1	2.7	8	45	1.2	1.88	0.21	1.61
2060	Honeylocust		N	Good	1	5.1	3.7	8	65	8.8	5.89	0.62	0.67
2061	Honeylocust		N	Good	1	2.5	3.7	6	65	7.3	5.00	0.52	0.68
2062	Ginkgo		N	Good	1	20.3	11.6	32	55	26.3	119.61	5.27	4.54
2063	Honeylocust		N	Good	1	5.1	3.7	8	65	7.3	5.00	0.52	0.68
2064	Honeylocust		N	Good	1	5.1	3.7	8	65	8.8	5.89	0.62	0.67
2065	Ginkgo		Y	Good	1	20.3	7.6	32	55	16.4	40.84	1.80	2.49
2066	Norway Maple		N	Poor	1	12.7	5.8	20	15	3.6	3.31	0.18	0.93
2067	Norway Maple		N	Good	1	22.9	7.0	36	80	29.2	145.54	7.86	4.99

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
1033	Honeylocust	13.29	0.27	1.97	0.04	16.73	54.18	57.77	37.73	38.57
1034	Honeylocust	36.11	0.73	3.51	0.07	16.73	54.17	57.77	41.87	38.56
1035	Honeylocust	22.12	0.45	2.62	0.05	4.86	15.75	16.80	36.72	11.21
1036	Honeylocust	34.63	0.70	3.41	0.07	12.42	40.24	42.90	44.40	28.64
1037	Honeylocust	12.78	0.26	1.91	0.04	2.29	7.41	7.91	14.36	5.28
1038	Honeylocust	13.29	0.27	1.97	0.04	5.56	18.00	19.19	19.23	12.81
1039	Honeylocust	13.29	0.27	0.00	0.00	0.78	2.53	2.69	12.82	1.80
1040	Honeylocust	35.13	0.71	3.44	0.07	23.02	74.56	79.51	52.78	53.08
1041	Honeylocust	22.02	0.45	1.97	0.04	4.72	15.29	16.30	25.53	10.88
1042	Littleleaf Linden	35.53	0.72	2.94	0.06	7.59	24.59	26.13	24.33	17.44
1043	Honeylocust	49.27	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1044	Littleleaf Linden	1.85	0.04	0.57	0.01	0.40	1.29	1.38	0.99	0.92
1045	Honeylocust	34.88	0.71	3.42	0.07	17.03	55.17	58.83	44.39	39.27
1046	Honeylocust	13.04	0.26	1.94	0.04	5.53	17.92	19.11	24.42	12.76
1047	Honeylocust	21.74	0.44	2.59	0.05	6.19	20.06	21.39	35.67	14.28
1048	Honeylocust	6.51	0.13	1.30	0.03	1.93	6.26	6.67	9.91	4.46
1049	Honeylocust	34.63	0.70	3.41	0.07	22.02	71.31	76.04	61.91	50.76
1050	Honeylocust	2.49	0.05	0.76	0.02	1.24	4.02	4.29	5.07	2.86
1051	Honeylocust	36.11	0.73	3.51	0.07	24.67	79.90	85.20	56.85	56.88
1052	Littleleaf Linden	35.53	0.72	2.94	0.06	39.77	128.81	136.88	73.30	91.38
1053	Japanese Flowering Cherry	7.90	0.16	1.64	0.03	7.25	23.50	24.97	16.69	16.67
1054	Japanese Sophora	35.01	0.71	3.43	0.07	45.01	145.78	154.92	66.89	103.42
1055	Callery Pear	118.23	2.40	6.95	0.14	43.03	139.37	148.10	98.30	98.87
1056	Callery Pear	69.49	1.41	5.10	0.10	6.78	21.96	23.33	28.48	15.58
1057	Japanese Sophora	12.98	0.26	1.93	0.04	10.82	35.04	37.24	18.04	24.86
1058	Japanese Sophora	6.39	0.13	1.29	0.03	0.93	3.00	3.19	2.04	2.13
1059	Japanese Sophora	2.43	0.05	0.75	0.02	0.76	2.47	2.62	1.46	1.75
2060	Honeylocust	2.49	0.05	0.76	0.02	1.81	9.93	6.31	7.42	4.50
2061	Honeylocust	0.50	0.01	0.32	0.01	1.53	8.43	5.35	6.18	3.82
2062	Ginkgo	72.32	1.47	5.26	0.11	15.43	84.92	53.93	58.39	38.49
2063	Honeylocust	2.49	0.05	0.76	0.02	1.53	8.43	5.35	6.18	3.82
2064	Honeylocust	2.49	0.05	0.76	0.02	1.81	9.93	6.31	7.42	4.50
2065	Ginkgo	69.69	1.41	5.11	0.10	5.27	29.00	18.42	24.42	13.14
2066	Norway Maple	27.00	0.55	2.23	0.05	0.52	2.88	1.83	3.34	1.30
2067	Norway Maple	100.59	2.04	6.12	0.12	22.99	126.49	80.33	69.31	57.34

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
1033	Honeylocust	204.98	0.02	0.37	0.39	0.17	0.06	1.01	0.34	2.29	20.01
1034	Honeylocust	209.09	0.02	0.37	0.39	0.19	0.06	1.03	0.34	2.29	20.01
1035	Honeylocust	85.34	0.00	0.11	0.11	0.17	0.02	0.41	0.10	0.67	5.82
1036	Honeylocust	168.60	0.01	0.27	0.29	0.20	0.05	0.82	0.25	1.70	14.86
1037	Honeylocust	37.24	0.00	0.05	0.05	0.06	0.01	0.18	0.05	0.31	2.74
1038	Honeylocust	74.80	0.01	0.12	0.13	0.09	0.02	0.36	0.11	0.76	6.65
1039	Honeylocust	20.62	0.00	0.02	0.02	0.06	0.00	0.10	0.02	0.11	0.93
1040	Honeylocust	282.94	0.02	0.50	0.54	0.24	0.09	1.39	0.47	3.15	27.53
1041	Honeylocust	72.72	0.00	0.10	0.11	0.12	0.02	0.35	0.10	0.65	5.65
1042	Littleleaf Linden	100.08	0.01	0.17	0.18	0.11	0.03	0.49	0.00	0.00	9.08
1043	Honeylocust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1044	Littleleaf Linden	4.98	0.00	0.01	0.01	0.00	0.00	0.02	0.00	0.00	0.48
1045	Honeylocust	214.68	0.02	0.37	0.40	0.20	0.06	1.05	0.35	2.33	20.37
1046	Honeylocust	79.74	0.01	0.12	0.13	0.11	0.02	0.39	0.11	0.76	6.62
1047	Honeylocust	97.60	0.01	0.14	0.14	0.16	0.02	0.47	0.13	0.85	7.41
1048	Honeylocust	29.23	0.00	0.04	0.05	0.04	0.01	0.14	0.04	0.26	2.31
1049	Honeylocust	282.03	0.02	0.48	0.51	0.28	0.08	1.38	0.45	3.01	26.33
1050	Honeylocust	17.47	0.00	0.03	0.03	0.02	0.00	0.08	0.03	0.17	1.48
1051	Honeylocust	303.49	0.02	0.54	0.58	0.26	0.09	1.49	0.50	3.37	29.51
1052	Littleleaf Linden	470.13	0.04	0.87	0.92	0.33	0.15	2.31	0.00	0.00	47.57
1053	Japanese Flowering Cherry	89.08	0.01	0.16	0.17	0.08	0.03	0.44	0.15	0.50	8.68
1054	Japanese Sophora	516.00	0.04	0.98	1.05	0.30	0.17	2.55	0.91	6.15	53.83
1055	Callery Pear	527.67	0.04	0.94	1.00	0.44	0.16	2.59	0.00	0.00	51.47
1056	Callery Pear	96.13	0.01	0.15	0.16	0.13	0.03	0.47	0.00	0.00	8.11
1057	Japanese Sophora	126.00	0.01	0.24	0.25	0.08	0.04	0.62	0.22	1.48	12.94
1058	Japanese Sophora	11.28	0.00	0.02	0.02	0.01	0.00	0.06	0.02	0.13	1.11
1059	Japanese Sophora	9.07	0.00	0.02	0.02	0.01	0.00	0.04	0.02	0.10	0.91
2060	Honeylocust	29.97	0.00	0.07	0.04	0.03	0.01	0.15	0.04	0.30	2.64
2061	Honeylocust	25.31	0.00	0.06	0.04	0.03	0.01	0.13	0.03	0.26	2.24
2062	Ginkgo	251.17	0.01	0.57	0.36	0.26	0.06	1.28	0.00	38.63	22.53
2063	Honeylocust	25.31	0.00	0.06	0.04	0.03	0.01	0.13	0.03	0.26	2.24
2064	Honeylocust	29.97	0.00	0.07	0.04	0.03	0.01	0.15	0.04	0.30	2.64
2065	Ginkgo	90.25	0.01	0.20	0.12	0.11	0.02	0.46	0.00	13.19	7.69
2066	Norway Maple	9.87	0.00	0.02	0.01	0.02	0.00	0.05	0.01	0.70	0.76
2067	Norway Maple	356.46	0.02	0.85	0.54	0.31	0.09	1.83	0.50	30.69	33.55

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
1033	Honeylocust	22.63	414.00	6/15/2002	JB	
1034	Honeylocust	22.63	741.00	6/15/2002	JB	
1035	Honeylocust	6.58	637.00	6/15/2002	JB	
1036	Honeylocust	16.81	741.00	6/15/2002	JB	
1037	Honeylocust	3.10	414.00	6/15/2002	JB	
1038	Honeylocust	7.52	414.00	6/15/2002	JB	
1039	Honeylocust	1.06	0.00	6/15/2002	JB	
1040	Honeylocust	31.15	741.00	6/15/2002	JB	
1041	Honeylocust	6.39	416.00	6/15/2002	JB	
1042	Littleleaf Linden	9.08	926.00	6/15/2002	JB	
1043	Honeylocust	0.00	0.00	6/15/2002	JB	
1044	Littleleaf Linden	0.48	124.00	6/15/2002	JB	
1045	Honeylocust	23.05	741.00	6/15/2002	JB	
1046	Honeylocust	7.49	414.00	6/15/2002	JB	
1047	Honeylocust	8.38	637.00	6/15/2002	JB	
1048	Honeylocust	2.62	233.00	6/15/2002	JB	
1049	Honeylocust	29.79	741.00	6/15/2002	JB	
1050	Honeylocust	1.68	104.00	6/15/2002	JB	
1051	Honeylocust	33.38	741.00	6/15/2002	JB	
1052	Littleleaf Linden	47.57	926.00	6/15/2002	JB	
1053	Japanese Flowering Cherry	9.32	186.00	6/15/2002	JB	
1054	Japanese Sophora	60.90	705.00	6/15/2002	JB	
1055	Callery Pear	51.47	1192.00	6/15/2002	JB	
1056	Callery Pear	8.11	918.00	6/15/2002	JB	
1057	Japanese Sophora	14.64	334.00	6/15/2002	JB	
1058	Japanese Sophora	1.25	188.00	6/15/2002	JB	
1059	Japanese Sophora	1.03	84.00	6/15/2002	JB	
2060	Honeylocust	2.98	104.00	6/22/2002	MC	
2061	Honeylocust	2.52	67.00	6/22/2002	MC	
2062	Ginkgo	61.15	915.00	6/22/2002	MC	
2063	Honeylocust	2.52	104.00	6/22/2002	MC	
2064	Honeylocust	2.98	104.00	6/22/2002	MC	
2065	Ginkgo	20.88	915.00	6/22/2002	MC	Concrete in pit
2066	Norway Maple	1.47	408.00	6/22/2002	MC	
2067	Norway Maple	64.74	1084.00	6/22/2002	MC	

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
2068	Ginkgo	Ginkgo biloba	GIBI	NO	830 Faile St	Designated	Bronx	Y	25
2069	Ginkgo	Ginkgo biloba	GIBI	NO	828 Faile St	Front	Bronx		25
2070	Ash	Fraxinus pennsylvanica	FRPE	YES	826 Faile St	Front	Bronx	Y	25
2071	Norway Maple	Acer platanoides	ACPL	NO	824 Faile St	Designated	Bronx	Y	25
2072	Norway Maple	Acer platanoides	ACPL	NO	816 Faile St	Front	Bronx		25
2073	Red Maple	Acer rubrum	ACRU	YES	817 Faile St	Front	Bronx	Y	25
2074	Ginkgo	Ginkgo biloba	GIBI	NO	817 Faile St	Front	Bronx		25
2075	Sugar Maple	Acer saccharum	ACSA2	YES	817 Faile St	Side	Bronx	Y	25
2076	Pin Oak	Quercus palustris	QUPA	YES	823 Faile St	Front	Bronx	Y	9
2077	Norway Maple	Acer platanoides	ACPL	NO	823 Faile St	Front	Bronx	Y	9
2078	Japanese Flowering Cherry	Prunus serrulata	PRSE	NO	844 Hunts Point Ave	Front	Bronx	Y	25
2079	Northern White-cedar	Thuja occidentalis	THOC	YES	848 Hunts Point Ave	Front	Bronx	N	0
2080	London Plane	Platanus x acerifolia	PLAC	NO	842 Hunts Point Ave	Front	Bronx	Y	25
2081	Northern White-cedar	Thuja occidentalis	THOC	YES	842 Hunts Point Ave	Front	Bronx	N	0
2082	London Plane	Platanus x acerifolia	PLAC	NO	840 Hunts Point Ave	Front	Bronx	Y	25
2083	London Plane	Platanus x acerifolia	PLAC	NO	836 Hunts Point Ave	Adjacent	Bronx	Y	25
2084	Northern White-cedar	Thuja occidentalis	THOC	YES	836 Hunts Point Ave	Adjacent	Bronx	N	0
2085	London Plane	Platanus x acerifolia	PLAC	NO	836 Hunts Point Ave	Adjacent	Bronx	Y	25
2086	London Plane	Platanus x acerifolia	PLAC	NO	836 Hunts Point Ave	Adjacent	Bronx	Y	25
2087	Northern White-cedar	Thuja occidentalis	THOC	YES	836 Hunts Point Ave	Adjacent	Bronx	N	0
2088	London Plane	Platanus x acerifolia	PLAC	NO	836 Hunts Point Ave	Adjacent	Bronx	Y	25
2089	Honeylocust	Gleditsia triacanthos	GLTR	NO	836 Hunts Point Ave	Adjacent	Bronx	Y	25
2090	Littleleaf Linden	Tilia cordata	TICO	NO	1291 Lafayette Ave	Side	Bronx	Y	25
2091	Northern White-cedar	Thuja occidentalis	THOC	YES	801 Hunts Point Ave	Front	Bronx	N	0
2092	Ginkgo	Ginkgo biloba	GIBI	NO	803 Hunts Point Ave	Front	Bronx	Y	25
2093	Northern White-cedar	Thuja occidentalis	THOC	YES	803 Hunts Point Ave	Front	Bronx		3
2094	Red Maple	Acer rubrum	ACRU	YES	809 Hunts Point Ave	Front	Bronx	Y	25
2095	Northern White-cedar	Thuja occidentalis	THOC	YES	809 Hunts Point Ave	Front	Bronx	Y	3
2096	Red Maple	Acer rubrum	ACRU	YES	800 Manida St	Designated	Bronx	Y	25
2097	Red Maple	Acer rubrum	ACRU	YES	800 Manida St	Designated	Bronx	Y	3
2098	Norway Maple	Acer platanoides	ACPL	NO	800 Manida St	Designated	Bronx	Y	25
2099	Japanese Flowering Cherry	Prunus serrulata	PRSE	NO	823 Hunts Point Ave	Front	Bronx	Y	25
2100	Honeylocust	Gleditsia triacanthos	GLTR	NO	835 Hunts Point Ave	Front	Bronx	Y	25
2101	Honeylocust	Gleditsia triacanthos	GLTR	NO	839 Hunts Point Ave	Front	Bronx	Y	25
2102	Honeylocust	Gleditsia triacanthos	GLTR	NO	843 Hunts Point Ave	Front	Bronx	Y	25

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
2068	Ginkgo		N	Good	1	5.1	3.4	8	60	1.8	3.91	0.17	2.14
2069	Ginkgo		N	Good	1	5.1	4.0	8	50	2.6	4.95	0.22	1.88
2070	Ash		N	Good	1	22.9	9.4	37	75	42.0	192.33	12.54	4.58
2071	Norway Maple		N	Good	1	22.9	8.8	34	80	42.0	253.19	13.67	6.02
2072	Norway Maple		N	Good	1	20.3	7.6	30	85	29.2	162.00	8.74	5.55
2073	Red Maple		N	Good	1	5.1	3.7	8	45	1.8	3.56	0.24	1.95
2074	Ginkgo		N	Good	1	20.3	6.7	30	75	26.3	78.64	3.47	2.99
2075	Sugar Maple		N	Good	1	50.8	19.5	82	65	65.7	268.92	16.20	4.10
2076	Pin Oak		N	Good	1	33.0	11.0	38	55	49.3	95.99	8.69	1.95
2077	Norway Maple		N	Good	1	12.7	4.9	20	60	4.7	13.54	0.73	2.90
2078	Japanese Flowering Cherry	Good	N	Good	1	7.6	4.9	12	55	7.3	15.16	1.18	2.08
2079	Northern White-cedar		N	Excellent	1	2.5	1.2	4	95	0.3	2.61	0.50	8.93
2080	London Plane		N	Poor	1	7.6	4.9	10	30	4.7	6.49	0.28	1.39
2081	Northern White-cedar		N	Excellent	1	2.5	1.2	4	95	0.3	2.99	0.58	10.26
2082	London Plane		N	Poor	1	7.6	4.9	12	25	4.7	5.03	0.22	1.08
2083	London Plane		N	Poor	1	10.2	4.9	14	30	26.3	31.28	1.37	1.19
2084	Northern White-cedar		N	Excellent	1	2.5	1.2	4	95	0.3	2.99	0.58	10.26
2085	London Plane		N	Good	1	10.2	4.9	14	90	18.7	64.35	2.81	3.45
2086	London Plane		N	Good	1	10.2	4.9	16	80	29.2	78.01	3.41	2.67
2087	Northern White-cedar		N	Excellent	1	2.5	1.2	4	95	0.3	2.99	0.58	10.26
2088	London Plane		N	Good	1	10.2	4.9	14	70	10.5	28.50	1.24	2.71
2089	Honeylocust		N	Excellent	1	10.2	4.9	15	80	29.2	26.30	2.75	0.90
2090	Littleleaf Linden		N	Excellent	1	17.8	6.1	21	95	16.4	83.74	6.27	5.10
2091	Northern White-cedar		N	Excellent	1	2.5	1.2	4	95	0.3	2.99	0.58	10.26
2092	Ginkgo		N	Poor	1	5.1	4.6	6	10	0.7	0.40	0.02	0.61
2093	Northern White-cedar	Good	N	Excellent	1	2.5	1.2	4	95	0.3	2.99	0.58	10.26
2094	Red Maple	Compacted	N	Poor	1	15.2	4.6	10	45	2.6	5.39	0.36	2.05
2095	Northern White-cedar	Good	N	Excellent	1	2.5	1.2	4	95	0.3	2.99	0.58	10.26
2096	Red Maple	Compacted	N	Poor	1	5.1	4.6	8	15	2.6	1.67	0.11	0.63
2097	Red Maple	Fair	N	Excellent	1	2.5	1.2	4	95	0.3	1.89	0.13	6.46
2098	Norway Maple	Compacted	N	Excellent	1	7.6	4.9	13	65	8.8	23.87	1.29	2.70
2099	Japanese Flowering Cherry	Compacted	N	Good	1	7.6	4.6	10	55	8.8	11.17	0.87	1.27
2100	Honeylocust	Compacted	N	Good	1	12.7	6.1	18	55	45.6	37.35	3.91	0.82
2101	Honeylocust	Compacted	N	Good	1	10.2	4.9	15	55	29.2	14.85	1.55	0.51
2102	Honeylocust	Compacted	N	Good	1	20.3	4.9	32	55	45.6	15.08	1.58	0.33

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
2068	Ginkgo	2.47	0.05	0.76	0.02	0.50	2.78	1.76	2.49	1.26
2069	Ginkgo	2.51	0.05	0.77	0.02	0.64	3.52	2.23	3.34	1.59
2070	Ash	60.83	1.23	3.10	0.06	36.70	202.00	128.28	93.68	91.56
2071	Norway Maple	104.61	2.12	6.30	0.13	39.99	220.05	139.74	115.30	99.74
2072	Norway Maple	78.84	1.60	5.36	0.11	25.58	140.79	89.41	75.16	63.82
2073	Red Maple	2.98	0.06	0.91	0.02	0.70	3.86	2.45	2.37	1.75
2074	Ginkgo	69.07	1.40	5.08	0.10	10.15	55.83	35.46	43.83	25.31
2075	Sugar Maple	793.61	16.11	22.12	0.45	47.40	260.86	165.66	135.16	118.24
2076	Pin Oak	242.69	4.93	11.22	0.23	25.42	139.88	88.83	63.87	63.40
2077	Norway Maple	26.21	0.53	2.89	0.06	2.14	11.77	7.47	7.63	5.33
2078	Japanese Flowering Cherry	7.90	0.16	1.64	0.03	3.44	18.93	12.02	9.79	8.58
2079	Northern White-cedar	0.65	0.01	0.24	0.00	1.47	8.07	5.13	1.10	3.66
2080	London Plane	6.62	0.13	0.99	0.02	0.83	4.56	2.90	5.13	2.07
2081	Northern White-cedar	0.68	0.01	0.24	0.00	1.69	9.27	5.89	1.24	4.20
2082	London Plane	6.62	0.13	0.99	0.02	0.64	3.54	2.25	4.61	1.60
2083	London Plane	13.04	0.26	1.46	0.03	4.00	21.99	13.97	27.01	9.97
2084	Northern White-cedar	0.68	0.01	0.24	0.00	1.69	9.27	5.89	1.24	4.20
2085	London Plane	13.04	0.26	1.94	0.04	8.22	45.25	28.74	34.14	20.51
2086	London Plane	13.04	0.26	1.94	0.04	9.97	54.86	34.84	45.33	24.87
2087	Northern White-cedar	0.68	0.01	0.24	0.00	1.69	9.27	5.89	1.24	4.20
2088	London Plane	13.04	0.26	1.94	0.04	3.64	20.04	12.73	16.47	9.08
2089	Honeylocust	13.04	0.26	1.94	0.04	8.06	44.35	28.17	26.97	20.10
2090	Littleleaf Linden	35.53	0.72	2.94	0.06	18.35	101.01	64.14	39.65	45.78
2091	Northern White-cedar	0.68	0.01	0.24	0.00	1.69	9.27	5.89	1.24	4.20
2092	Ginkgo	2.55	0.05	0.58	0.01	0.05	0.28	0.18	0.54	0.13
2093	Northern White-cedar	0.68	0.01	0.24	0.00	1.69	9.27	5.89	1.24	4.20
2094	Red Maple	40.00	0.81	2.94	0.06	1.06	5.85	3.72	3.50	2.65
2095	Northern White-cedar	0.68	0.01	0.24	0.00	1.69	9.27	5.89	1.24	4.20
2096	Red Maple	2.98	0.06	0.68	0.01	0.33	1.81	1.15	2.18	0.82
2097	Red Maple	0.58	0.01	0.38	0.01	0.37	2.05	1.30	0.85	0.93
2098	Norway Maple	8.65	0.18	1.59	0.03	3.77	20.75	13.18	13.81	9.40
2099	Japanese Flowering Cherry	7.90	0.16	1.64	0.03	2.53	13.95	8.86	9.30	6.32
2100	Honeylocust	22.49	0.46	2.66	0.05	11.44	62.98	39.99	40.80	28.55
2101	Honeylocust	13.04	0.26	1.94	0.04	4.55	25.03	15.90	22.90	11.35
2102	Honeylocust	67.79	1.38	5.01	0.10	4.62	25.43	16.15	32.89	11.53

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
2068	Ginkgo	8.79	0.00	0.02	0.01	0.01	0.00	0.04	0.00	1.26	0.74
2069	Ginkgo	11.32	0.00	0.02	0.02	0.02	0.00	0.06	0.00	1.60	0.93
2070	Ash	552.22	0.04	1.36	0.87	0.42	0.15	2.84	0.80	3.06	53.58
2071	Norway Maple	614.82	0.04	1.49	0.94	0.52	0.16	3.15	0.88	53.38	58.37
2072	Norway Maple	394.76	0.02	0.95	0.60	0.34	0.11	2.02	0.56	34.15	37.34
2073	Red Maple	11.12	0.00	0.03	0.02	0.01	0.00	0.06	0.02	0.94	1.02
2074	Ginkgo	170.58	0.01	0.38	0.24	0.20	0.04	0.87	0.00	25.40	14.81
2075	Sugar Maple	727.31	0.05	1.76	1.12	0.61	0.20	3.73	1.04	63.28	69.19
2076	Pin Oak	381.41	0.02	0.94	0.60	0.29	0.10	1.96	389.25	4.24	37.10
2077	Norway Maple	34.34	0.00	0.08	0.05	0.03	0.01	0.18	0.05	2.85	3.12
2078	Japanese Flowering Cherry	52.75	0.00	0.13	0.08	0.04	0.01	0.27	0.08	0.29	5.02
2079	Northern White-cedar	19.42	0.00	0.05	0.03	0.01	0.01	0.10	0.03	0.88	2.57
2080	London Plane	15.49	0.00	0.03	0.02	0.02	0.00	0.08	12.70	0.07	1.21
2081	Northern White-cedar	22.29	0.00	0.06	0.04	0.01	0.01	0.12	0.04	1.01	2.95
2082	London Plane	12.64	0.00	0.02	0.02	0.02	0.00	0.06	9.84	0.05	0.94
2083	London Plane	76.94	0.00	0.15	0.09	0.12	0.02	0.38	61.20	0.33	5.83
2084	Northern White-cedar	22.29	0.00	0.06	0.04	0.01	0.01	0.12	0.04	1.01	2.95
2085	London Plane	136.86	0.01	0.31	0.19	0.15	0.03	0.70	125.92	0.69	12.00
2086	London Plane	169.86	0.01	0.37	0.24	0.20	0.04	0.86	152.65	0.83	14.55
2087	Northern White-cedar	22.29	0.00	0.06	0.04	0.01	0.01	0.12	0.04	1.01	2.95
2088	London Plane	61.96	0.00	0.14	0.09	0.07	0.02	0.31	55.77	0.30	5.32
2089	Honeylocust	127.65	0.01	0.30	0.19	0.12	0.03	0.65	0.18	1.35	11.76
2090	Littleleaf Linden	268.94	0.02	0.68	0.43	0.18	0.08	1.39	0.00	0.00	26.79
2091	Northern White-cedar	22.29	0.00	0.06	0.04	0.01	0.01	0.12	0.04	1.01	2.95
2092	Ginkgo	1.18	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.13	0.08
2093	Northern White-cedar	22.29	0.00	0.06	0.04	0.01	0.01	0.12	0.04	1.01	2.95
2094	Red Maple	16.78	0.00	0.04	0.03	0.02	0.00	0.09	0.02	1.42	1.55
2095	Northern White-cedar	22.29	0.00	0.06	0.04	0.01	0.01	0.12	0.04	1.01	2.95
2096	Red Maple	6.28	0.00	0.01	0.01	0.01	0.00	0.03	0.01	0.44	0.48
2097	Red Maple	5.49	0.00	0.01	0.01	0.00	0.00	0.03	0.01	0.50	0.54
2098	Norway Maple	60.91	0.00	0.14	0.09	0.06	0.02	0.31	0.08	5.03	5.50
2099	Japanese Flowering Cherry	40.96	0.00	0.09	0.06	0.04	0.01	0.21	0.06	0.21	3.70
2100	Honeylocust	183.76	0.01	0.43	0.27	0.18	0.05	0.94	0.25	1.91	16.70
2101	Honeylocust	79.72	0.00	0.17	0.11	0.10	0.02	0.40	0.10	0.76	6.64
2102	Honeylocust	90.61	0.00	0.17	0.11	0.15	0.02	0.45	0.10	0.77	6.74

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
2068	Ginkgo	2.00	83.00	6/22/2002	MC	
2069	Ginkgo	2.53	83.00	6/22/2002	MC	Tree encaged with wire
2070	Ash	57.44	1125.00	6/22/2002	MC	Compacted and cement in pit
2071	Norway Maple	112.62	1084.00	6/22/2002	MC	
2072	Norway Maple	72.06	945.00	6/22/2002	MC	
2073	Red Maple	1.97	110.00	6/22/2002	MC	
2074	Ginkgo	40.20	915.00	6/22/2002	MC	
2075	Sugar Maple	133.51	5145.00	6/22/2002	MC	
2076	Pin Oak	430.59	2286.00	6/22/2002	MC	
2077	Norway Maple	6.02	626.00	6/22/2002	MC	
2078	Japanese Flowering Cherry	5.38	186.00	6/22/2002	RD	
2079	Northern White-cedar	3.48	66.00	6/22/2002	RD	
2080	London Plane	13.98	152.00	6/22/2002	RD	
2081	Northern White-cedar	4.00	66.00	6/22/2002	RD	
2082	London Plane	10.84	152.00	6/22/2002	RD	
2083	London Plane	67.36	270.00	6/22/2002	RD	
2084	Northern White-cedar	4.00	66.00	6/22/2002	RD	
2085	London Plane	138.61	414.00	6/22/2002	RD	
2086	London Plane	168.03	414.00	6/22/2002	RD	
2087	Northern White-cedar	4.00	66.00	6/22/2002	RD	
2088	London Plane	61.39	414.00	6/22/2002	RD	
2089	Honeylocust	13.29	436.00	6/22/2002	RD	
2090	Littleleaf Linden	26.79	975.00	6/22/2002	RD	
2091	Northern White-cedar	4.00	66.00	6/22/2002	RD	
2092	Ginkgo	0.21	54.00	6/22/2002	RD	
2093	Northern White-cedar	4.00	66.00	6/22/2002	RD	
2094	Red Maple	2.99	492.00	6/22/2002	RD	
2095	Northern White-cedar	4.00	66.00	6/22/2002	RD	
2096	Red Maple	0.92	72.00	6/22/2002	RD	
2097	Red Maple	1.05	75.00	6/22/2002	RD	
2098	Norway Maple	10.62	213.00	6/22/2002	RD	
2099	Japanese Flowering Cherry	3.97	186.00	6/22/2002	RD	
2100	Honeylocust	18.86	637.00	6/22/2002	RD	
2101	Honeylocust	7.50	414.00	6/22/2002	RD	
2102	Honeylocust	7.62	1005.00	6/22/2002	RD	Christmas lights in tree

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Scientific Name	UFORE Species Code	Native to Local Area	Address	Location	Borough	Pit	Pit Size (sq ft)
2103	Honeylocust	Gleditsia triacanthos	GLTR	NO	847 Hunts Point Ave	Front	Bronx	Y	25
2104	Honeylocust	Gleditsia triacanthos	GLTR	NO	851 Hunts Point Ave	Front	Bronx	Y	25
2105	Honeylocust	Gleditsia triacanthos	GLTR	NO	855 Hunts Point Ave	Front	Bronx	Y	25
2106	Honeylocust	Gleditsia triacanthos	GLTR	NO	855 Hunts Point Ave	Front	Bronx	Y	25
2107	Honeylocust	Gleditsia triacanthos	GLTR	NO	859 Hunts Point Ave	Front	Bronx	Y	25
2108	Honeylocust	Gleditsia triacanthos	GLTR	NO	863 Hunts Point Ave	Front	Bronx	Y	25
2109	Honeylocust	Gleditsia triacanthos	GLTR	NO	867 Hunts Point Ave	Front	Bronx	Y	25

Source: TreesNY and CENYC, Citizen Pruners, and USDA Forest Service, Northeastern Research Station, 2002

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Pit Condition	Expand Grate	Tree Condition	Stems at Breast Height	Diameter at Breast Height (cm)	Tree Height (m)	Age (yrs)	Foliage Density (%)	Canopy Area (m ²)	Leaf Area (m ²)	Leaf Biomass (kg)	Leaf Area Index
2103	Honeylocust	Compacted	N	Good	1	12.7	4.0	20	55	23.6	11.70	1.23	0.50
2104	Honeylocust	Compacted	N	Good	1	22.9	7.6	35	55	45.6	42.18	4.42	0.92
2105	Honeylocust	Compacted	N	Good	1	10.2	4.6	14	55	29.2	14.85	1.55	0.51
2106	Honeylocust	Compacted	N	Good	1	7.6	4.6	12	55	10.5	6.24	0.65	0.59
2107	Honeylocust	Compacted	N	Good	1	10.2	6.1	17	55	35.3	28.28	2.96	0.80
2108	Honeylocust	Compacted	N	Good	1	5.1	4.0	9	50	5.9	3.74	0.39	0.63
2109	Honeylocust	Compacted	N	Good	1	10.2	4.9	16	50	16.4	9.40	0.98	0.57

Source: TreesNY and CENYC, Citizen Pruners

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Carbon Storage (kg)	Carbon Storage Value (\$)	Carbon Sequestration (kg/year)	Carbon Sequestration Value (\$/year)	Carbon Monoxide (g/year)	Ozone (g/year)	NO ₂ (g/year)	PM ₁₀ (g/year)	Sulfur Dioxide (g/year)
2103	Honeylocust	21.83	0.44	2.60	0.05	3.59	19.73	12.53	18.43	8.94
2104	Honeylocust	92.22	1.87	6.02	0.12	12.92	71.13	45.17	42.52	32.24
2105	Honeylocust	12.98	0.26	1.93	0.04	4.55	25.03	15.90	22.90	11.35
2106	Honeylocust	6.58	0.13	1.32	0.03	1.91	10.52	6.68	8.56	4.77
2107	Honeylocust	13.29	0.27	1.97	0.04	8.67	47.69	30.28	31.37	21.61
2108	Honeylocust	2.51	0.05	0.77	0.02	1.15	6.30	4.00	4.90	2.86
2109	Honeylocust	13.04	0.26	1.94	0.04	2.88	15.85	10.06	13.25	7.18

Source: TreesNY and CENYC, Citizen Pruners

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total Pollutants (g/year)	Carbon Monoxide (\$/year)	Ozone (\$/year)	NO ₂ (\$/year)	PM ₁₀ (\$/year)	Sulfur Dioxide (\$/year)	Total (\$/year)	Isoprene (g/year)	Monoterpene (g/year)	Other VOC (g/year)
2103	Honeylocust	63.22	0.00	0.13	0.08	0.08	0.01	0.32	0.08	0.60	5.23
2104	Honeylocust	203.97	0.01	0.48	0.31	0.19	0.05	1.04	0.28	2.16	18.87
2105	Honeylocust	79.72	0.00	0.17	0.11	0.10	0.02	0.40	0.10	0.76	6.64
2106	Honeylocust	32.43	0.00	0.07	0.05	0.04	0.01	0.16	0.04	0.32	2.79
2107	Honeylocust	139.61	0.01	0.32	0.20	0.14	0.04	0.71	0.19	1.45	12.65
2108	Honeylocust	19.20	0.00	0.04	0.03	0.02	0.00	0.10	0.03	0.19	1.67
2109	Honeylocust	49.23	0.00	0.11	0.07	0.06	0.01	0.25	0.06	0.48	4.20

Source: TreesNY and CENYC, Citizen Pruners

OASIS Neighborhood Tree Survey

Summer, 2002

ID	Common Name	Total VOC	Compensatory Value (\$)	Date Surveyed	Surveyed by	Comments
2103	Honeylocust	5.91	637.00	6/22/2002	RD	
2104	Honeylocust	21.31	1166.00	6/22/2002	RD	
2105	Honeylocust	7.50	414.00	6/22/2002	RD	
2106	Honeylocust	3.15	233.00	6/22/2002	RD	
2107	Honeylocust	14.28	414.00	6/22/2002	RD	
2108	Honeylocust	1.89	104.00	6/22/2002	RD	
2109	Honeylocust	4.75	414.00	6/22/2002	RD	

Source: TreesNY and CENYC, Citizen Pruners