

## Neighborhood Tree Survey - Summary by Tree Species

UFORE Species Code	Common Name	Scientific Name	Native	Count	Max Age	Ave Age	Max Leaf Biomass (kg)	Ave Leaf Biomass (kg)	Sum Leaf Biomass (kg)	Max Canopy Area (m2)	Ave Canopy Area (m2)
PLAC	London Plane	<i>Platanus x acerifolia</i>	NO	73	200	98.85	42.60	15.36	1121.41	421.50	149.63
GLTR	Honeylocust	<i>Gleditsia triacanthos</i>	NO	45	92	19.89	24.17	2.90	130.36	271.50	34.58
ACPL	Norway Maple	<i>Acer platanoides</i>	NO	36	141	70.56	77.22	22.23	800.45	262.70	98.93
PYCA	Callery Pear	<i>Pyrus calleryana</i>	NO	18	41	23.11	22.49	7.20	129.63	128.70	37.39
TICO	Linden	<i>Tilia cordata</i>	NO	18	95	29.50	91.39	13.07	235.24	280.50	43.69
ACSA1	Silver Maple	<i>Acer saccharinum</i>	YES	11	135	76.00	49.65	24.77	272.45	308.30	145.92
ZESE	Japanese Zelkova	<i>Zelkova serrata</i>	NO	11	32	20.27	14.44	4.24	46.66	53.20	24.87
FRPE	Ash	<i>Fraxinus pennsylvanica</i>	YES	10	94	37.70	20.48	14.80	148.00	105.40	56.14
GIBI	Ginkgo	<i>Ginkgo biloba</i>	NO	8	38	24.00	5.27	1.99	15.90	35.30	14.99
ACRU	Red Maple	<i>Acer rubrum</i>	YES	7	29	14.86	7.36	2.40	16.77	35.30	13.47
THOC	Northern white-cedar	<i>Thuja occidentalis</i>	YES	7	4	4.00	0.58	0.57	3.98	0.30	0.30
PRSE	Japanese Flowering Cherry	<i>Prunus serrulata</i>	NO	6	108	46.17	35.44	11.97	71.80	116.70	44.05
AEHI	Common Horsechestnut	<i>Aesculus hippocastanum</i>	NO	5	320	191.20	102.07	56.12	280.62	289.60	163.88
PRSE1	Black cherry	<i>Prunus serotina</i>	YES	5	130	81.00	22.18	14.21	71.06	182.40	91.02
QUPA	Pin Oak	<i>Quercus palustris</i>	YES	5	125	50.00	52.57	17.92	89.59	212.80	84.74
SOJA	Japanese Sophora	<i>Styphnolobium japonicum</i>	NO	5	57	22.60	19.23	7.07	35.33	65.70	23.92
TSCA	Eastern hemlock	<i>Tsuga canadensis</i>	YES	4	53	37.50	33.56	10.07	40.28	74.70	27.80
ULAM	American Elm	<i>Ulmus americana</i>	YES	4	120	40.75	112.89	29.80	119.18	289.60	81.53
ACPS	Sycamore Maple	<i>Acer pseudoplatanus</i>	NO	3	56	42.00	25.99	24.68	74.03	147.80	129.07
ACSA2	Sugar Maple	<i>Acer saccharum</i>	YES	3	168	129.33	47.02	31.74	95.21	141.30	104.13
AIAL	Tree of Heaven	<i>Ailanthus altissima</i>	NO	3	102	62.33	8.75	4.03	12.10	79.50	67.47
LITU	Tuliptree	<i>Liriodendron tulipifera</i>	YES	3	214	128.67	238.30	130.27	390.81	591.00	338.30
ROPS	Black locust	<i>Robinia pseudoacacia</i>	NO	3	108	59.67	9.92	9.63	28.88	128.70	73.30
ACPA	Japanese Maple	<i>Acer palmatum</i>	NO	2	27	18.00	17.51	10.37	20.74	79.50	60.75
COFL	Flowering Dogwood	<i>Cornus florida</i>	YES	2	38	33.00	9.90	6.10	12.20	49.30	37.80
ILOP	American holly	<i>Ilex opaca</i>	YES	2	23	21.50	8.26	6.73	13.45	18.70	15.50
LIST	Sweetgum	<i>Liquidambar styraciflua</i>	YES	2	48	47.00	9.07	7.39	14.78	49.30	43.95
MASO	Magnolia	<i>Magnolia x soulangeana</i>	NO	2	61	51.50	24.10	23.26	46.51	94.60	75.90
PRCE	Flowering Plum	<i>Prunus cerasifera</i>	NO	2	20	19.00	4.49	2.54	5.07	21.10	16.70
ABBA	Balsam Fir	<i>Abies balsamea</i>	YES	1	20	20.00	4.01	4.01	4.01	10.50	10.50
BEPO	Gray birch	<i>Betula populifolia</i>	YES	1	38	38.00	9.60	9.60	9.60	79.50	79.50
FASY	European beech	<i>Fagus sylvatica</i>	NO	1	234	234.00	72.60	72.60	72.60	237.10	237.10
MA2	Crabapple	<i>Malus species</i>	NO	1	64	64.00	17.19	17.19	17.19	49.30	49.30
MAPO	Osage orange	<i>Maclura pomifera</i>	NO	1	21	21.00	18.47	18.47	18.47	42.00	42.00
MO	Mulberry	<i>Morus species</i>	NO	1	152	152.00	33.08	33.08	33.08	262.70	262.70

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Common Name	Sum Canopy Area (m2)	Max Carbon Monoxide (g/year)	Ave Carbon Monoxide (g/year)	Sum Carbon Monoxide (g/year)	Max Carbon Monoxide (\$/year)	Ave Carbon Monoxide (\$/year)	Sum Carbon Monoxide (\$/year)	Max Carbon Sequestration (kg/year)	Ave Carbon Sequestration (kg/year)	Sum Carbon Sequestration (kg/year)
London Plane	10922.90	105.45	38.32	2797.45	0.10	0.04	2.68	51.04	26.85	1960.33
Honeylocust	1556.00	59.82	8.96	403.37	0.06	0.01	0.39	23.23	2.90	130.42
Norway Maple	3561.40	191.14	55.45	1996.02	0.18	0.05	1.91	31.71	14.44	519.85
Callery Pear	673.00	80.29	22.48	404.70	0.08	0.02	0.39	11.19	5.30	95.44
Linden	786.50	226.23	34.14	614.57	0.22	0.03	0.59	22.75	5.33	95.89
Silver Maple	1605.10	122.90	61.31	674.41	0.12	0.06	0.65	41.11	21.02	231.18
Japanese Zelkova	273.60	35.75	11.21	123.32	0.03	0.01	0.12	5.17	3.07	33.78
Ash	561.40	50.68	37.20	372.00	0.05	0.04	0.36	11.37	3.91	39.13
Ginkgo	119.90	15.43	5.74	45.90	0.01	0.01	0.04	7.16	3.97	31.72
Red Maple	94.30	18.22	5.99	41.90	0.02	0.01	0.04	4.78	2.31	16.18
Northern white-cedar	2.10	1.69	1.65	11.58	0.00	0.00	0.01	0.24	0.24	1.68
Japanese Flowering Cherry	264.30	87.72	30.14	180.84	0.08	0.03	0.17	38.09	14.43	86.58
Common Horsechestnut	819.40	252.65	138.92	694.60	0.24	0.13	0.67	51.97	27.20	135.99
Black cherry	455.10	54.91	35.18	175.92	0.05	0.03	0.17	33.56	18.81	94.03
Pin Oak	423.70	130.12	45.19	225.94	0.12	0.04	0.22	48.95	17.64	88.19
Japanese Sophora	119.60	68.65	25.23	126.17	0.07	0.02	0.12	11.26	3.73	18.66
Eastern hemlock	111.20	83.06	24.93	99.71	0.08	0.02	0.10	6.77	3.95	15.80
American Elm	326.10	279.45	74.90	299.61	0.27	0.07	0.29	29.73	9.43	37.73
Sycamore Maple	387.20	64.33	61.08	183.25	0.06	0.06	0.18	15.71	12.95	38.86
Sugar Maple	312.40	116.38	80.99	242.96	0.11	0.08	0.23	39.06	30.24	90.72
Tree of Heaven	202.40	21.67	9.99	29.97	0.02	0.01	0.03	40.16	21.46	64.39
Tuliptree	1014.90	589.87	322.46	967.39	0.57	0.31	0.93	62.26	37.95	113.86
Black locust	219.90	24.55	23.83	71.48	0.02	0.02	0.07	22.40	11.98	35.94
Japanese Maple	121.50	43.35	25.67	51.34	0.04	0.02	0.05	9.40	7.79	15.57
Flowering Dogwood	75.60	24.50	15.09	30.18	0.02	0.01	0.03	4.48	4.22	8.44
American holly	31.00	20.45	16.65	33.30	0.02	0.02	0.03	7.52	7.27	14.53
Sweetgum	87.90	22.46	18.30	36.60	0.02	0.02	0.04	5.83	5.50	10.99
Magnolia	151.80	59.65	57.56	115.11	0.06	0.06	0.11	12.37	11.98	23.96
Flowering Plum	33.40	11.11	6.27	12.54	0.01	0.01	0.01	4.15	3.25	6.50
Balsam Fir	10.50	9.92	9.92	9.92	0.01	0.01	0.01	1.21	1.21	1.21
Gray birch	79.50	23.77	23.77	23.77	0.02	0.02	0.02	15.45	15.45	15.45
European beech	237.10	179.71	179.71	179.71	0.17	0.17	0.17	50.98	50.98	50.98
Crabapple	49.30	42.55	42.55	42.55	0.04	0.04	0.04	18.69	18.69	18.69
Osage orange	42.00	45.72	45.72	45.72	0.04	0.04	0.04	4.31	4.31	4.31
Mulberry	262.70	81.89	81.89	81.89	0.08	0.08	0.08	49.02	49.02	49.02

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Common Name	Max Carbon Sequestration (\$/year)	Ave Carbon Sequestration (\$/year)	Sum Carbon Sequestration (\$/year)	Max Carbon Storage (kg)	Ave Carbon Storage (kg)	Sum Carbon Storage (kg)	Max Carbon Storage (\$)	Ave Carbon Storage (\$)	Sum Carbon Storage (\$)	Max Diameter at Breast Height (cm)
London Plane	1.04	0.55	39.79	5718.11	1409.63	102902.95	116.08	28.62	2088.93	147.30
Honeylocust	0.47	0.06	2.65	915.69	49.39	2222.67	18.59	1.00	45.12	58.40
Norway Maple	0.64	0.29	10.55	1818.36	593.06	21350.14	36.91	12.04	433.41	78.70
Callery Pear	0.23	0.11	1.94	266.72	88.00	1584.04	5.41	1.79	32.16	35.60
Linden	0.46	0.11	1.95	1279.64	184.40	3319.14	25.98	3.74	67.38	81.30
Silver Maple	0.83	0.43	4.69	3791.69	1353.23	14885.52	76.97	27.47	302.18	114.30
Japanese Zelkova	0.10	0.06	0.69	70.72	33.76	371.33	1.44	0.69	7.54	20.30
Ash	0.23	0.08	0.79	581.50	108.41	1084.08	11.80	2.20	22.01	61.00
Ginkgo	0.15	0.08	0.64	123.04	57.64	461.11	2.50	1.17	9.36	25.40
Red Maple	0.10	0.05	0.33	57.60	25.30	177.07	1.17	0.51	3.59	17.80
Northern white-cedar	0.00	0.00	0.03	0.68	0.68	4.73	0.01	0.01	0.10	2.50
Japanese Flowering Cherry	0.77	0.29	1.76	1758.36	563.48	3380.87	35.69	11.44	68.63	69.30
Common Horsechestnut	1.05	0.55	2.76	3564.83	1352.48	6762.38	72.37	27.46	137.28	101.60
Black cherry	0.68	0.38	1.91	1561.16	747.53	3737.67	31.69	15.17	75.87	66.00
Pin Oak	0.99	0.36	1.79	4679.18	1120.50	5602.50	94.99	22.75	113.73	106.70
Japanese Sophora	0.23	0.08	0.38	268.93	65.15	325.74	5.46	1.32	6.61	35.60
Eastern hemlock	0.14	0.08	0.32	283.61	123.06	492.24	5.76	2.50	9.99	43.30
American Elm	0.60	0.19	0.77	1607.86	425.33	1701.31	32.64	8.63	34.54	79.50
Sycamore Maple	0.32	0.26	0.79	525.42	377.45	1132.36	10.67	7.66	22.99	45.70
Sugar Maple	0.79	0.61	1.84	2178.57	1433.10	4299.30	44.22	29.09	87.28	78.70
Tree of Heaven	0.82	0.44	1.31	2323.84	984.12	2952.35	47.17	19.98	59.93	86.40
Tuliptree	1.26	0.77	2.31	5829.81	3060.55	9181.66	118.35	62.13	186.39	137.20
Black locust	0.45	0.24	0.73	1369.98	532.31	1596.93	27.81	10.81	32.42	68.60
Japanese Maple	0.19	0.16	0.32	217.02	159.79	319.57	4.41	3.24	6.49	32.30
Flowering Dogwood	0.09	0.09	0.17	53.48	48.37	96.73	1.09	0.98	1.96	17.80
American holly	0.15	0.15	0.30	137.85	130.85	261.69	2.80	2.66	5.31	27.10
Sweetgum	0.12	0.11	0.22	151.42	141.88	283.76	3.07	2.88	5.76	30.50
Magnolia	0.25	0.24	0.49	315.90	298.75	597.49	6.41	6.06	12.13	38.10
Flowering Plum	0.08	0.07	0.13	41.39	28.40	56.80	0.84	0.58	1.15	15.20
Balsam Fir	0.02	0.02	0.02	8.69	8.69	8.69	0.18	0.18	0.18	7.60
Gray birch	0.31	0.31	0.31	386.38	386.38	386.38	7.84	7.84	7.84	38.00
European beech	1.03	1.03	1.03	3622.26	3622.26	3622.26	73.53	73.53	73.53	99.10
Crabapple	0.38	0.38	0.38	636.31	636.31	636.31	12.92	12.92	12.92	50.70
Osage orange	0.09	0.09	0.09	51.83	51.83	51.83	1.05	1.05	1.05	18.00
Mulberry	1.00	1.00	1.00	3253.89	3253.89	3253.89	66.05	66.05	66.05	99.20

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Common Name	Ave Diameter at Breast Height (cm)	Sum Diameter at Breast Height (cm)	Max Foliage Density (%)	Ave Foliage Density (%)	Max Height (m)	Ave Height (m)	Max Isoprene (g/year)	Ave Isoprene (g/year)	Sum Isoprene (g/year)	Max Leaf Area (m <sup>2</sup> )	Ave Leaf Area (m <sup>2</sup> )	Sum Leaf Area (m <sup>2</sup> )	Max Leaf Area Index
London Plane	63.85	4661.00	90.00	41.10	29.30	20.51	1659.65	601.74	43926.84	975.59	351.78	25680.10	4.53
Honeylocust	12.99	584.50	95.00	54.56	17.10	6.01	1.35	0.19	8.52	230.78	27.67	1245.02	1.54
Norway Maple	42.31	1523.10	95.00	62.92	29.30	14.32	4.30	1.24	44.82	1430.70	411.97	14830.77	8.65
Callery Pear	20.80	374.40	90.00	64.17	11.30	7.36	0.00	0.00	0.00	302.68	96.94	1744.97	7.54
Linden	25.61	461.00	95.00	70.00	22.90	9.02	0.00	0.00	0.00	1220.09	174.47	3140.47	6.43
Silver Maple	65.12	716.30	85.00	60.00	29.30	21.52	2.76	1.38	15.16	943.34	470.60	5176.62	4.51
Japanese Zelkova	13.61	149.70	85.00	57.27	9.10	6.43	0.80	0.25	2.72	194.40	57.09	627.96	3.65
Ash	24.39	243.90	75.00	66.50	19.50	11.84	1.14	0.83	8.34	313.93	226.91	2269.14	5.90
Ginkgo	15.88	127.00	75.00	51.25	12.20	7.33	0.00	0.00	0.00	119.61	45.09	360.72	4.54
Red Maple	10.53	73.70	95.00	56.43	7.30	4.89	0.41	0.13	0.94	109.32	35.58	249.05	6.46
Northern white-cedar	2.50	17.50	95.00	95.00	1.20	1.20	0.04	0.04	0.27	2.99	2.94	20.55	10.26
Japanese Flowering Cherry	30.50	183.00	95.00	65.00	15.80	9.45	1.97	0.67	4.05	456.97	154.28	925.68	4.79
Common Horsechestnut	63.90	319.50	85.00	75.00	27.40	16.70	5.68	3.12	15.62	1459.60	802.55	4012.73	7.74
Black cherry	43.14	215.70	65.00	45.00	19.80	13.70	1.23	0.79	3.96	286.02	183.29	916.46	3.91
Pin Oak	43.76	218.80	70.00	58.00	29.30	14.32	2047.82	708.71	3543.53	580.86	197.96	989.81	2.73
Japanese Sophora	14.74	73.70	95.00	68.00	9.80	5.42	1.39	0.51	2.56	169.19	62.19	310.93	2.87
Eastern hemlock	28.13	112.50	55.00	28.75	13.70	11.98	1.98	0.59	2.38	361.30	108.43	433.70	4.84
American Elm	29.90	119.60	80.00	52.50	27.40	11.58	6.28	1.68	6.70	1552.27	409.68	1638.73	5.36
Sycamore Maple	38.97	116.90	80.00	71.67	16.80	15.53	1.45	1.37	4.12	371.66	352.87	1058.62	3.18
Sugar Maple	64.33	193.00	85.00	76.67	29.30	24.20	2.62	1.81	5.43	780.47	526.81	1580.42	5.53
Tree of Heaven	53.40	160.20	40.00	16.67	15.80	13.37	0.49	0.22	0.67	117.85	54.33	163.00	2.06
Tuliptree	91.47	274.40	90.00	70.00	35.10	27.93	13.26	7.25	21.75	4042.61	2209.95	6629.85	7.38
Black locust	38.77	116.30	45.00	41.67	21.90	18.27	386.30	374.98	1124.93	184.19	178.79	536.38	4.04
Japanese Maple	27.80	55.60	75.00	52.50	7.30	6.70	0.98	0.58	1.16	311.17	184.26	368.51	3.92
Flowering Dogwood	17.05	34.10	75.00	57.50	6.10	5.80	0.55	0.34	0.68	170.35	104.94	209.87	3.45
American holly	26.45	52.90	90.00	90.00	5.50	5.35	0.49	0.40	0.80	61.79	50.31	100.62	3.31
Sweetgum	30.50	61.00	45.00	42.50	17.10	15.85	353.49	288.02	576.04	197.65	161.05	322.09	4.01
Magnolia	37.05	74.10	90.00	87.50	12.20	10.65	1.34	1.29	2.59	360.71	348.03	696.05	5.86
Flowering Plum	12.70	25.40	90.00	65.00	5.80	4.60	0.25	0.14	0.28	73.87	41.70	83.39	3.50
Balsam Fir	7.60	7.60	55.00	55.00	4.60	4.60	0.24	0.24	0.24	38.47	38.47	38.47	3.66
Gray birch	38.00	38.00	45.00	45.00	12.20	12.20	0.53	0.53	0.53	161.69	161.69	161.69	2.03
European beech	99.10	99.10	90.00	90.00	19.50	19.50	4.04	4.04	4.04	1450.85	1450.85	1450.85	6.12
Crabapple	50.70	50.70	50.00	50.00	11.60	11.60	0.00	0.00	0.00	199.41	199.41	199.41	4.04
Osage orange	18.00	18.00	95.00	95.00	7.30	7.30	118.22	118.22	118.22	183.75	183.75	183.75	4.37
Mulberry	99.20	99.20	65.00	65.00	17.10	17.10	1.84	1.84	1.84	392.70	392.70	392.70	1.50

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Common Name	Ave Leaf Area Index	Max Monoterpene (g/year)	Ave Monoterpene (g/year)	Sum Monoterpene (g/year)	Max NO2 (g/year)	Ave NO2 (g/year)	Sum NO2 (g/year)	Max NO2 (\$/year)	Ave NO2 (\$/year)	Sum NO2 (\$/year)	Max Other VOC (g/year)
London Plane	2.40	10.40	3.75	273.78	455.89	164.67	12020.93	3.08	1.11	81.17	181.96
Honeylocust	0.68	11.80	1.41	63.55	258.59	33.02	1485.87	1.75	0.22	10.03	103.21
Norway Maple	4.24	301.63	86.85	3126.75	826.32	237.51	8550.28	5.58	1.60	57.73	329.81
Callery Pear	2.66	0.00	0.00	0.00	276.36	83.82	1508.81	1.87	0.57	10.19	96.04
Linden	3.87	0.00	0.00	0.00	977.99	142.06	2557.06	6.60	0.96	17.27	390.34
Silver Maple	3.26	193.94	96.75	1064.26	531.30	265.05	2915.52	3.59	1.79	19.69	212.06
Japanese Zelkova	1.90	7.05	2.07	22.78	154.54	46.42	510.59	1.04	0.31	3.45	61.68
Ash	4.11	5.00	3.61	36.13	219.11	157.78	1577.78	1.48	1.07	10.65	87.45
Ginkgo	2.51	38.63	14.56	116.49	53.93	20.91	167.32	0.36	0.14	1.13	22.53
Red Maple	2.69	28.76	9.36	65.51	78.78	25.58	179.07	0.53	0.17	1.21	31.44
Northern white-cedar	10.07	1.01	0.99	6.95	5.89	5.78	40.46	0.04	0.04	0.27	2.95
Japanese Flowering Cherry	2.98	8.65	2.92	17.53	379.23	128.41	770.44	2.56	0.87	5.20	151.36
Common Horsechestnut	5.55	398.70	219.22	1096.11	1092.24	600.56	3002.79	7.37	4.06	20.27	435.94
Black cherry	2.44	5.42	3.47	17.35	237.36	152.11	760.54	1.60	1.03	5.14	94.74
Pin Oak	1.93	25.67	8.75	43.74	562.51	190.97	954.84	3.80	1.29	6.45	224.51
Japanese Sophora	2.09	9.39	3.45	17.25	236.31	86.86	434.28	1.60	0.59	2.93	82.12
Eastern hemlock	2.54	19.64	5.89	23.57	359.09	107.76	431.06	2.42	0.73	2.91	171.76
American Elm	3.12	27.56	7.27	29.10	1208.07	320.51	1282.04	8.16	2.16	8.66	482.18
Sycamore Maple	2.76	101.52	96.39	289.18	278.12	264.06	792.19	1.88	1.78	5.35	111.01
Sugar Maple	4.89	183.66	123.96	371.89	503.12	337.03	1011.10	3.40	2.28	6.83	200.81
Tree of Heaven	0.89	34.20	15.77	47.30	93.68	43.19	129.58	0.63	0.29	0.87	37.39
Tuliptree	6.72	116.36	63.61	190.83	2550.06	1394.03	4182.09	17.22	9.41	28.24	1017.80
Black locust	3.11	4.84	4.70	14.10	106.11	103.00	309.00	0.72	0.70	2.09	42.35
Japanese Maple	2.64	68.41	40.51	81.02	187.41	110.97	221.95	1.27	0.75	1.50	74.80
Flowering Dogwood	2.48	38.66	23.81	47.63	105.91	65.24	130.48	0.72	0.44	0.88	42.27
American holly	3.23	4.83	3.94	7.87	88.39	71.97	143.94	0.60	0.49	0.97	42.28
Sweetgum	3.62	66.46	54.15	108.30	97.10	79.12	158.23	0.66	0.53	1.07	38.76
Magnolia	4.84	176.51	170.30	340.61	257.89	248.82	497.65	1.74	1.68	3.36	102.93
Flowering Plum	2.14	1.10	0.62	1.24	48.03	27.11	54.22	0.32	0.18	0.37	19.17
Balsam Fir	3.66	35.17	35.17	35.17	42.88	42.88	42.88	0.29	0.29	0.29	20.51
Gray birch	2.03	4.69	4.69	4.69	102.76	102.76	102.76	0.69	0.69	0.69	41.01
European beech	6.12	106.35	106.35	106.35	776.91	776.91	776.91	5.25	5.25	5.25	310.09
Crabapple	4.04	0.00	0.00	0.00	183.96	183.96	183.96	1.24	1.24	1.24	73.42
Osage orange	4.37	9.02	9.02	9.02	197.67	197.67	197.67	1.33	1.33	1.33	78.90
Mulberry	1.50	16.15	16.15	16.15	354.04	354.04	354.04	2.39	2.39	2.39	141.31

## Neighborhood Tree Survey - Summary by Tree Species

Common Name	Ave Other VOC (g/year)	Sum Other VOC (g/year)	Max Ozone (g/year)	Ave Ozone (g/year)	Sum Ozone (g/year)	Max Ozone (\$/year)	Ave Ozone (\$/year)	Sum Ozone (\$/year)	Max PM10 (g/year)	Ave PM10 (g/year)	Sum PM10 (g/year)	Max PM10 (\$/year)	Ave PM10 (\$/year)
London Plane	65.61	4789.56	918.74	328.40	23973.35	6.20	2.22	161.87	447.08	180.57	13181.94	2.02	0.81
Honeylocust	12.35	555.88	521.14	45.17	2032.73	3.52	0.31	13.74	205.15	29.98	1348.94	0.92	0.14
Norway Maple	94.97	3418.82	1665.26	474.58	17084.96	11.24	3.20	115.36	543.36	173.22	6235.77	2.45	0.78
Callery Pear	30.76	553.65	388.69	112.80	2030.33	2.62	0.76	13.70	197.58	56.19	1011.47	0.89	0.25
Linden	55.82	1004.73	1970.92	265.00	4769.98	13.31	1.79	32.20	502.82	76.49	1376.80	2.27	0.34
Silver Maple	105.79	1163.67	1070.71	534.14	5875.58	7.23	3.61	39.67	434.82	212.95	2342.47	1.96	0.96
Japanese Zelkova	18.11	199.24	311.44	84.94	934.38	2.10	0.57	6.31	84.40	30.86	339.42	0.38	0.14
Ash	63.21	632.12	441.56	312.32	3123.16	2.98	2.11	21.09	140.49	97.07	970.70	0.63	0.44
Ginkgo	8.49	67.93	84.92	33.57	268.59	0.57	0.23	1.81	58.39	24.20	193.60	0.26	0.11
Red Maple	10.23	71.63	158.77	51.01	357.09	1.07	0.34	2.41	50.18	17.55	122.83	0.23	0.08
Northern white-cedar	2.89	20.25	9.27	9.10	63.71	0.06	0.06	0.43	1.24	1.22	8.54	0.01	0.01
Japanese Flowering Cherry	51.10	306.60	764.24	252.77	1516.64	5.16	1.71	10.24	185.73	69.04	414.26	0.84	0.31
Common Horsechestnut	239.70	1198.50	2201.17	1210.29	6051.47	14.86	8.17	40.86	578.39	320.36	1601.80	2.61	1.44
Black cherry	60.71	303.55	478.34	306.54	1532.69	3.23	2.07	10.35	160.00	100.17	500.84	0.72	0.45
Pin Oak	76.52	382.58	1133.62	376.32	1881.62	7.65	2.54	12.70	279.30	103.59	517.97	1.26	0.47
Japanese Sophora	30.18	150.91	222.37	81.73	408.66	1.50	0.55	2.76	106.40	38.97	194.83	0.48	0.18
Eastern hemlock	51.54	206.18	723.67	217.17	868.70	4.89	1.47	5.87	144.70	46.13	184.53	0.65	0.21
American Elm	127.26	509.03	2434.61	632.05	2528.21	16.44	4.27	17.07	605.85	164.56	658.26	2.73	0.74
Sycamore Maple	105.40	316.19	560.49	532.16	1596.49	3.78	3.59	10.78	179.50	169.57	508.72	0.81	0.76
Sugar Maple	135.54	406.63	1013.93	654.89	1964.66	6.85	4.42	13.27	302.43	216.00	648.01	1.36	0.97
Tree of Heaven	17.24	51.72	188.80	87.05	261.14	1.27	0.59	1.76	63.74	50.07	150.22	0.29	0.23
Tuliptree	556.40	1669.19	5139.09	2809.36	8428.07	34.70	18.97	56.91	1495.61	825.26	2475.77	6.74	3.72
Black locust	41.11	123.33	213.84	207.58	622.73	1.44	1.40	4.20	115.96	89.91	269.72	0.52	0.41
Japanese Maple	44.29	88.59	377.69	223.65	447.29	2.55	1.51	3.02	132.23	85.20	170.40	0.60	0.38
Flowering Dogwood	26.04	52.08	213.44	131.48	262.95	1.44	0.89	1.78	75.32	50.15	100.30	0.34	0.23
American holly	34.42	68.85	178.13	145.04	290.08	1.20	0.98	1.96	27.72	22.72	45.44	0.13	0.10
Sweetgum	31.58	63.16	195.68	159.44	318.88	1.32	1.08	2.15	83.41	69.87	139.73	0.38	0.32
Magnolia	99.31	198.62	519.72	501.45	1002.90	3.51	3.39	6.77	154.52	141.35	282.70	0.70	0.64
Flowering Plum	10.82	21.64	96.78	54.63	109.26	0.65	0.37	0.74	32.51	20.77	41.55	0.15	0.09
Balsam Fir	20.51	20.51	86.42	86.42	86.42	0.58	0.58	0.58	16.69	16.69	16.69	0.08	0.08
Gray birch	41.01	41.01	207.09	207.09	207.09	1.40	1.40	1.40	87.94	87.94	87.94	0.40	0.40
European beech	310.09	310.09	1565.69	1565.69	1565.69	10.57	10.57	10.57	549.33	549.33	549.33	2.48	2.48
Crabapple	73.42	73.42	370.72	370.72	370.72	2.50	2.50	2.50	83.94	83.94	83.94	0.38	0.38
Osage orange	78.90	78.90	398.36	398.36	398.36	2.69	2.69	2.69	75.62	75.62	75.62	0.34	0.34
Mulberry	141.31	141.31	713.48	713.48	713.48	4.82	4.82	4.82	248.69	248.69	248.69	1.12	1.12

## Neighborhood Tree Survey - Summary by Tree Species

Common Name	Sum PM10 (\$/year)	Max Sulfur Dioxide (g/year)	Ave Sulfur Dioxide (g/year)	Sum Sulfur Dioxide (g/year)	Max Sulfur Dioxide (\$/year)	Ave Sulfur Dioxide (\$/year)	Sum Sulfur Dioxide (\$/year)	Max Total Pollutants (g/year)	Ave Total Pollutants (g/year)	Sum Total Pollutants (g/year)	Max Total (\$/year)	Ave Total (\$/year)
London Plane	59.42	241.49	87.84	6412.21	0.40	0.15	10.60	2144.26	799.81	58385.88	11.68	4.33
Honeylocust	6.08	136.98	20.93	941.81	0.23	0.03	1.56	1181.68	138.06	6212.71	6.47	0.71
Norway Maple	28.11	437.71	127.51	4590.32	0.72	0.21	7.59	3663.79	1068.26	38457.36	20.18	5.85
Callery Pear	4.56	184.49	51.61	928.90	0.31	0.09	1.54	998.79	326.90	5884.20	4.89	1.69
Linden	6.21	518.06	78.44	1411.87	0.86	0.13	2.33	4196.02	596.13	10730.27	23.25	3.26
Silver Maple	10.56	281.44	140.40	1544.40	0.47	0.23	2.55	2441.17	1213.85	13352.38	13.36	6.65
Japanese Zelkova	1.53	81.86	25.69	282.60	0.14	0.04	0.47	667.99	199.12	2190.31	3.70	1.08
Ash	4.38	116.06	85.94	859.39	0.19	0.14	1.42	947.23	690.30	6903.03	5.24	3.79
Ginkgo	0.87	38.49	13.96	111.71	0.06	0.02	0.18	251.17	98.39	787.12	1.28	0.51
Red Maple	0.55	41.73	13.78	96.44	0.07	0.02	0.16	347.68	113.90	797.32	1.92	0.62
Northern white-cedar	0.04	4.20	4.13	28.88	0.01	0.01	0.05	22.29	21.88	153.16	0.12	0.11
Japanese Flowering Cherry	1.87	200.88	69.23	415.40	0.33	0.11	0.69	1617.80	549.60	3297.58	8.97	3.03
Common Horsechestnut	7.22	578.58	318.13	1590.63	0.96	0.53	2.63	4703.03	2588.26	12941.29	26.04	14.33
Black cherry	2.26	125.73	80.57	402.87	0.21	0.13	0.67	1049.05	674.57	3372.85	5.78	3.72
Pin Oak	2.34	297.97	104.52	522.60	0.49	0.17	0.86	2403.52	820.59	4102.97	13.33	4.51
Japanese Sophora	0.88	157.75	57.98	289.91	0.26	0.10	0.48	791.49	290.77	1453.85	3.90	1.43
Eastern hemlock	0.83	190.22	57.08	228.34	0.31	0.09	0.38	1500.75	453.08	1812.33	8.36	2.52
American Elm	2.97	639.94	171.56	686.23	1.06	0.28	1.13	5167.91	1363.59	5454.36	28.65	7.53
Sycamore Maple	2.29	147.33	139.88	419.64	0.24	0.23	0.69	1219.21	1166.76	3500.28	6.73	6.43
Sugar Maple	2.92	266.51	188.69	566.08	0.44	0.31	0.94	2202.37	1477.61	4432.82	12.16	8.06
Tree of Heaven	0.68	49.63	22.88	68.64	0.08	0.04	0.11	417.51	213.18	639.55	2.30	1.15
Tuliptree	11.16	1350.81	738.44	2215.32	2.23	1.22	3.66	11125.45	6089.54	18268.63	61.46	33.63
Black locust	1.22	56.21	54.56	163.68	0.09	0.09	0.27	491.30	478.87	1436.61	2.66	2.62
Japanese Maple	0.77	99.28	58.79	117.57	0.16	0.10	0.19	839.96	504.27	1008.55	4.62	2.77
Flowering Dogwood	0.45	56.10	34.56	69.12	0.09	0.06	0.11	475.27	296.52	593.04	2.61	1.63
American holly	0.20	46.82	38.12	76.25	0.08	0.06	0.13	361.51	294.50	588.99	2.02	1.65
Sweetgum	0.63	51.43	41.91	83.82	0.09	0.07	0.14	450.09	368.63	737.26	2.46	2.01
Magnolia	1.27	136.61	131.81	263.61	0.23	0.22	0.44	1128.39	1080.98	2161.97	6.23	5.98
Flowering Plum	0.19	25.44	14.36	28.72	0.04	0.02	0.05	213.87	123.14	246.29	1.18	0.68
Balsam Fir	0.08	22.72	22.72	22.72	0.04	0.04	0.04	178.62	178.62	178.62	1.00	1.00
Gray birch	0.40	54.43	54.43	54.43	0.09	0.09	0.09	475.99	475.99	475.99	2.60	2.60
European beech	2.48	411.54	411.54	411.54	0.68	0.68	0.68	3483.18	3483.18	3483.18	19.15	19.15
Crabapple	0.38	97.44	97.44	97.44	0.16	0.16	0.16	778.61	778.61	778.61	4.33	4.33
Osage orange	0.34	104.71	104.71	104.71	0.17	0.17	0.17	822.08	822.08	822.08	4.58	4.58
Mulberry	1.12	187.54	187.54	187.54	0.31	0.31	0.31	1585.64	1585.64	1585.64	8.72	8.72

## Neighborhood Tree Survey - Summary by Tree Species

<b>Common Name</b>	<b>Sum Total (\$/year)</b>	<b>Max Compensatory Value (\$)</b>	<b>Ave Compensatory Value (\$)</b>	<b>Sum Compensatory Value (\$)</b>	<b>Max Total VOC</b>	<b>Ave Total VOC</b>	<b>Sum Total VOC</b>
London Plane	315.74	22109.00	6992.70	510467.00	1852.00	671.10	48990.17
Honeylocust	31.80	5397.00	618.18	27818.00	116.36	13.95	627.94
Norway Maple	210.70	8171.00	3114.67	112128.00	635.74	183.07	6590.38
Callery Pear	30.37	1924.00	918.83	16539.00	96.04	30.76	553.65
Linden	58.60	11734.00	2193.17	39477.00	390.34	55.82	1004.73
Silver Maple	73.12	9149.00	4103.09	45134.00	408.76	203.92	2243.08
Japanese Zelkova	11.87	1036.00	635.91	6995.00	69.54	20.43	224.74
Ash	37.89	5488.00	1396.00	13960.00	93.59	67.66	676.59
Ginkgo	4.04	1187.00	667.38	5339.00	61.15	23.05	184.42
Red Maple	4.37	885.00	401.00	2807.00	60.61	19.73	138.08
Northern white-cedar	0.80	66.00	66.00	462.00	4.00	3.92	27.47
Japanese Flowering Cherry	18.17	6059.00	2179.67	13078.00	161.98	54.70	328.18
Common Horsechestnut	71.65	11129.00	5224.80	26124.00	840.33	462.05	2310.23
Black cherry	18.58	5153.00	2669.40	13347.00	101.39	64.97	324.86
Pin Oak	22.57	18156.00	5237.40	26187.00	2298.00	793.97	3969.85
Japanese Sophora	7.17	1924.00	647.00	3235.00	92.90	34.14	170.72
Eastern hemlock	10.08	1711.00	963.25	3853.00	193.38	58.03	232.13
American Elm	30.12	6838.00	2051.25	8205.00	516.02	136.21	544.83
Sycamore Maple	19.29	2491.00	1953.67	5861.00	213.98	203.16	609.48
Sugar Maple	24.18	12233.00	8405.00	25215.00	387.08	261.32	783.96
Tree of Heaven	3.46	3340.00	1819.00	5457.00	72.08	33.23	99.69
Tuliptree	100.89	23069.00	13988.00	41964.00	1147.42	627.25	1881.76
Black locust	7.85	3583.00	1904.33	5713.00	433.49	420.79	1262.36
Japanese Maple	5.53	1742.00	1404.00	2808.00	144.19	85.38	170.76
Flowering Dogwood	3.25	804.00	773.50	1547.00	81.48	50.19	100.39
American holly	3.29	1299.00	1257.00	2514.00	47.60	38.76	77.51
Sweetgum	4.03	2003.00	2003.00	4006.00	458.70	373.75	747.49
Magnolia	11.95	2797.00	2606.50	5213.00	280.78	270.91	541.82
Flowering Plum	1.35	740.00	535.50	1071.00	20.51	11.58	23.16
Balsam Fir	1.00	155.00	155.00	155.00	55.92	55.92	55.92
Gray birch	2.60	2156.00	2156.00	2156.00	46.24	46.24	46.24
European beech	19.15	17207.00	17207.00	17207.00	420.47	420.47	420.47
Crabapple	4.33	3471.00	3471.00	3471.00	73.42	73.42	73.42
Osage orange	4.58	854.00	854.00	854.00	206.14	206.14	206.14
Mulberry	8.72	11179.00	11179.00	11179.00	159.30	159.30	159.30



### Neighborhood Tree Survey - Summary by Tree Species

UFORE Species Code	Common Name	Scientific Name	Native	Count	Max Age	Ave Age	Max Leaf Biomass (kg)	Ave Leaf Biomass (kg)	Sum Leaf Biomass (kg)	Max Canopy Area (m2)	Ave Canopy Area (m2)
MOAL	White Mulberry	<i>Morus alba</i>	NO	1	29	29.00	16.92	16.92	16.92	84.30	84.30
MORU	Red Mulberry	<i>Morus rubra</i>	YES	1	28	28.00	21.21	21.21	21.21	42.00	42.00
PATO	Royal paulownia	<i>Paulownia tomentosa</i>	NO	1	112	112.00	23.40	23.40	23.40	154.40	154.40
PI1	Spruce	<i>Picea species</i>	NO	1	8	8.00	0.88	0.88	0.88	0.70	0.70
PIAB	Norway spruce	<i>Picea abies</i>	NO	1	50	50.00	107.27	107.27	107.27	65.70	65.70
PIPU	Blue spruce	<i>Picea pungens</i>	NO	1	32	32.00	10.11	10.11	10.11	10.50	10.50
PIST	Eastern white pine	<i>Pinus strobus</i>	YES	1	100	100.00	24.22	24.22	24.22	74.70	74.70
QUPH	Willow oak	<i>Quercus phellos</i>	YES	1	88	88.00	34.45	34.45	34.45	168.10	168.10
QURU	Red Oak	<i>Quercus rubra</i>	YES	1	8	8.00	0.55	0.55	0.55	2.60	2.60
QUVE	Black oak	<i>Quercus velutina</i>	YES	1	56	56.00	10.27	10.27	10.27	74.70	74.70
SAAL	Sassafras	<i>Sassafras albidum</i>	YES	1	82	82.00	4.84	4.84	4.84	65.70	65.70

### **Neighborhood Tree Survey - Summary by Tree Species**

<b>Common Name</b>	<b>Sum Canopy Area (m2)</b>	<b>Max Carbon Monoxide (g/year)</b>	<b>Ave Carbon Monoxide (g/year)</b>	<b>Sum Carbon Monoxide (g/year)</b>	<b>Max Carbon Monoxide (\$/year)</b>	<b>Ave Carbon Monoxide (\$/year)</b>	<b>Sum Carbon Monoxide (\$/year)</b>	<b>Max Carbon Sequestration (kg/year)</b>	<b>Ave Carbon Sequestration (kg/year)</b>	<b>Sum Carbon Sequestration (kg/year)</b>
White Mulberry	84.30	41.88	41.88	41.88	0.04	0.04	0.04	7.12	7.12	7.12
Red Mulberry	42.00	52.50	52.50	52.50	0.05	0.05	0.05	4.40	4.40	4.40
Royal paulownia	154.40	57.92	57.92	57.92	0.06	0.06	0.06	31.01	31.01	31.01
Spruce	0.70	3.15	3.15	3.15	0.00	0.00	0.00	0.32	0.32	0.32
Norway spruce	65.70	265.52	265.52	265.52	0.25	0.25	0.25	11.11	11.11	11.11
Blue spruce	10.50	25.03	25.03	25.03	0.02	0.02	0.02	3.45	3.45	3.45
Eastern white pine	74.70	59.95	59.95	59.95	0.06	0.06	0.06	9.64	9.64	9.64
Willow oak	168.10	85.27	85.27	85.27	0.08	0.08	0.08	17.35	17.35	17.35
Red Oak	2.60	1.95	1.95	1.95	0.00	0.00	0.00	0.86	0.86	0.86
Black oak	74.70	25.43	25.43	25.43	0.02	0.02	0.02	17.37	17.37	17.37
Sassafras	65.70	11.99	11.99	11.99	0.01	0.01	0.01	20.54	20.54	20.54

### **Neighborhood Tree Survey - Summary by Tree Species**

<b>Common Name</b>	<b>Max Carbon Sequestration (\$/year)</b>	<b>Ave Carbon Sequestration (\$/year)</b>	<b>Sum Carbon Sequestration (\$/year)</b>	<b>Max Carbon Storage (kg)</b>	<b>Ave Carbon Storage (kg)</b>	<b>Sum Carbon Storage (kg)</b>	<b>Max Carbon Storage (\$)</b>	<b>Ave Carbon Storage (\$)</b>	<b>Sum Carbon Storage (\$)</b>	<b>Max Diameter at Breast Height (cm)</b>
White Mulberry	0.14	0.14	0.14	122.40	122.40	122.40	2.48	2.48	2.48	25.50
Red Mulberry	0.09	0.09	0.09	53.15	53.15	53.15	1.08	1.08	1.08	17.80
Royal paulownia	0.63	0.63	0.63	1490.42	1490.42	1490.42	30.26	30.26	30.26	71.10
Spruce	0.01	0.01	0.01	0.87	0.87	0.87	0.02	0.02	0.02	2.50
Norway spruce	0.23	0.23	0.23	399.10	399.10	399.10	8.10	8.10	8.10	44.40
Blue spruce	0.07	0.07	0.07	47.94	47.94	47.94	0.97	0.97	0.97	17.80
Eastern white pine	0.20	0.20	0.20	338.34	338.34	338.34	6.87	6.87	6.87	50.80
Willow oak	0.35	0.35	0.35	732.22	732.22	732.22	14.86	14.86	14.86	55.90
Red Oak	0.02	0.02	0.02	2.71	2.71	2.71	0.06	0.06	0.06	5.10
Black oak	0.35	0.35	0.35	392.01	392.01	392.01	7.96	7.96	7.96	35.60
Sassafras	0.42	0.42	0.42	741.45	741.45	741.45	15.05	15.05	15.05	53.30

### **Neighborhood Tree Survey - Summary by Tree Species**

<b>Common Name</b>	<b>Ave Diameter at Breast Height (cm)</b>	<b>Sum Diameter at Breast Height (cm)</b>	<b>Max Foliage Density (%)</b>	<b>Ave Foliage Density (%)</b>	<b>Max Height (m)</b>	<b>Ave Height (m)</b>	<b>Max Isoprene (g/year)</b>	<b>Ave Isoprene (g/year)</b>	<b>Sum Isoprene (g/year)</b>	<b>Max Leaf Area (m2)</b>	<b>Ave Leaf Area (m2)</b>	<b>Sum Leaf Area (m2)</b>	<b>Max Leaf Area Index</b>
White Mulberry	25.50	25.50	55.00	55.00	10.10	10.10	0.94	0.94	0.94	231.28	231.28	231.28	2.74
Red Mulberry	17.80	17.80	65.00	65.00	12.20	12.20	1.18	1.18	1.18	213.54	213.54	213.54	5.08
Royal paulownia	71.10	71.10	40.00	40.00	21.30	21.30	0.00	0.00	0.00	314.97	314.97	314.97	2.04
Spruce	2.50	2.50	80.00	80.00	1.50	1.50	9.51	9.51	9.51	5.20	5.20	5.20	7.92
Norway spruce	44.40	44.40	85.00	85.00	13.40	13.40	886.82	886.82	886.82	643.60	643.60	643.60	9.80
Blue spruce	17.80	17.80	75.00	75.00	6.10	6.10	83.59	83.59	83.59	59.59	59.59	59.59	5.67
Eastern white pine	50.80	50.80	80.00	80.00	19.50	19.50	1.43	1.43	1.43	376.57	376.57	376.57	5.04
Willow oak	55.90	55.90	55.00	55.00	19.50	19.50	1342.05	1342.05	1342.05	388.34	388.34	388.34	2.31
Red Oak	5.10	5.10	55.00	55.00	5.50	5.50	27.67	27.67	27.67	6.86	6.86	6.86	2.61
Black oak	35.60	35.60	40.00	40.00	15.80	15.80	400.27	400.27	400.27	145.39	145.39	145.39	1.95
Sassafras	53.30	53.30	25.00	25.00	18.30	18.30	0.27	0.27	0.27	98.50	98.50	98.50	1.50

### **Neighborhood Tree Survey - Summary by Tree Species**

<b>Common Name</b>	<b>Ave Leaf Area Index</b>	<b>Max Monoterpene (g/year)</b>	<b>Ave Monoterpene (g/year)</b>	<b>Sum Monoterpene (g/year)</b>	<b>Max NO2 (g/year)</b>	<b>Ave NO2 (g/year)</b>	<b>Sum NO2 (g/year)</b>	<b>Max NO2 (\$/year)</b>	<b>Ave NO2 (\$/year)</b>	<b>Sum NO2 (\$/year)</b>	<b>Max Other VOC (g/year)</b>
White Mulberry	2.74	8.26	8.26	8.26	181.04	181.04	181.04	1.22	1.22	1.22	72.26
Red Mulberry	5.08	10.36	10.36	10.36	226.95	226.95	226.95	1.53	1.53	1.53	90.58
Royal paulownia	2.04	0.00	0.00	0.00	250.38	250.38	250.38	1.69	1.69	1.69	99.93
Spruce	7.92	7.75	7.75	7.75	10.85	10.85	10.85	0.07	0.07	0.07	4.52
Norway spruce	9.80	941.50	941.50	941.50	1147.85	1147.85	1147.85	7.75	7.75	7.75	549.04
Blue spruce	5.67	88.74	88.74	88.74	108.19	108.19	108.19	0.73	0.73	0.73	51.75
Eastern white pine	5.04	212.56	212.56	212.56	259.15	259.15	259.15	1.75	1.75	1.75	123.95
Willow oak	2.31	16.82	16.82	16.82	368.64	368.64	368.64	2.49	2.49	2.49	147.14
Red Oak	2.61	0.27	0.27	0.27	6.71	6.71	6.71	0.05	0.05	0.05	2.33
Black oak	1.95	5.02	5.02	5.02	109.95	109.95	109.95	0.74	0.74	0.74	43.88
Sassafras	1.50	1.18	1.18	1.18	51.84	51.84	51.84	0.35	0.35	0.35	20.69

### **Neighborhood Tree Survey - Summary by Tree Species**

<b>Common Name</b>	<b>Ave Other VOC (g/year)</b>	<b>Sum Other VOC (g/year)</b>	<b>Max Ozone (g/year)</b>	<b>Ave Ozone (g/year)</b>	<b>Sum Ozone (g/year)</b>	<b>Max Ozone (\$/year)</b>	<b>Ave Ozone (\$/year)</b>	<b>Sum Ozone (\$/year)</b>	<b>Max PM10 (g/year)</b>	<b>Ave PM10 (g/year)</b>	<b>Sum PM10 (g/year)</b>	<b>Max PM10 (\$/year)</b>	<b>Ave PM10 (\$/year)</b>
White Mulberry	72.26	72.26	364.85	364.85	364.85	2.46	2.46	2.46	111.02	111.02	111.02	0.50	0.50
Red Mulberry	90.58	90.58	457.36	457.36	457.36	3.09	3.09	3.09	84.45	84.45	84.45	0.38	0.38
Royal paulownia	99.93	99.93	504.59	504.59	504.59	3.41	3.41	3.41	171.11	171.11	171.11	0.77	0.77
Spruce	4.52	4.52	10.21	10.21	10.21	0.07	0.07	0.07	2.39	2.39	2.39	0.01	0.01
Norway spruce	549.04	549.04	2313.24	2313.24	2313.24	15.62	15.62	15.62	223.79	223.79	223.79	1.01	1.01
Blue spruce	51.75	51.75	218.03	218.03	218.03	1.47	1.47	1.47	22.95	22.95	22.95	0.10	0.10
Eastern white pine	123.95	123.95	522.25	522.25	522.25	3.53	3.53	3.53	149.22	149.22	149.22	0.67	0.67
Willow oak	147.14	147.14	742.92	742.92	742.92	5.02	5.02	5.02	199.76	199.76	199.76	0.90	0.90
Red Oak	2.33	2.33	6.32	6.32	6.32	0.04	0.04	0.04	4.29	4.29	4.29	0.02	0.02
Black oak	43.88	43.88	221.58	221.58	221.58	1.50	1.50	1.50	80.72	80.72	80.72	0.36	0.36
Sassafras	20.69	20.69	104.48	104.48	104.48	0.71	0.71	0.71	62.27	62.27	62.27	0.28	0.28

### **Neighborhood Tree Survey - Summary by Tree Species**

<b>Common Name</b>	<b>Sum PM10 (\$/year)</b>	<b>Max Sulfur Dioxide (g/year)</b>	<b>Ave Sulfur Dioxide (g/year)</b>	<b>Sum Sulfur Dioxide (g/year)</b>	<b>Max Sulfur Dioxide (\$/year)</b>	<b>Ave Sulfur Dioxide (\$/year)</b>	<b>Sum Sulfur Dioxide (\$/year)</b>	<b>Max Total Pollutants (g/year)</b>	<b>Ave Total Pollutants (g/year)</b>	<b>Sum Total Pollutants (g/year)</b>	<b>Max Total (\$/year)</b>	<b>Ave Total (\$/year)</b>
White Mulberry	0.50	95.90	95.90	95.90	0.16	0.16	0.16	794.69	794.69	794.69	4.39	4.39
Red Mulberry	0.38	120.22	120.22	120.22	0.20	0.20	0.20	941.47	941.47	941.47	5.25	5.25
Royal paulownia	0.77	132.63	132.63	132.63	0.22	0.22	0.22	1116.63	1116.63	1116.63	6.14	6.14
Spruce	0.01	7.24	7.24	7.24	0.01	0.01	0.01	33.84	33.84	33.84	0.17	0.17
Norway spruce	1.01	608.04	608.04	608.04	1.01	1.01	1.01	4558.44	4558.44	4558.44	25.64	25.64
Blue spruce	0.10	57.31	57.31	57.31	0.09	0.09	0.09	431.50	431.50	431.50	2.42	2.42
Eastern white pine	0.67	137.27	137.27	137.27	0.23	0.23	0.23	1127.84	1127.84	1127.84	6.23	6.23
Willow oak	0.90	195.28	195.28	195.28	0.32	0.32	0.32	1591.87	1591.87	1591.87	8.81	8.81
Red Oak	0.02	4.48	4.48	4.48	0.01	0.01	0.01	23.75	23.75	23.75	0.12	0.12
Black oak	0.36	58.24	58.24	58.24	0.10	0.10	0.10	495.93	495.93	495.93	2.72	2.72
Sassafras	0.28	27.46	27.46	27.46	0.05	0.05	0.05	258.05	258.05	258.05	1.39	1.39

### **Neighborhood Tree Survey - Summary by Tree Species**

<b>Common Name</b>	<b>Sum Total (\$/year)</b>	<b>Max Compensatory Value (\$)</b>	<b>Ave Compensatory Value (\$)</b>	<b>Sum Compensatory Value (\$)</b>	<b>Max Total VOC</b>	<b>Ave Total VOC</b>	<b>Sum Total VOC</b>
White Mulberry	4.39	1200.00	1200.00	1200.00	81.46	81.46	81.46
Red Mulberry	5.25	804.00	804.00	804.00	102.12	102.12	102.12
Royal paulownia	6.14	4420.00	4420.00	4420.00	99.93	99.93	99.93
Spruce	0.17	71.00	71.00	71.00	21.78	21.78	21.78
Norway spruce	25.64	3827.00	3827.00	3827.00	2377.35	2377.35	2377.35
Blue spruce	2.42	843.00	843.00	843.00	224.07	224.07	224.07
Eastern white pine	6.23	4420.00	4420.00	4420.00	337.94	337.94	337.94
Willow oak	8.81	5266.00	5266.00	5266.00	1506.00	1506.00	1506.00
Red Oak	0.12	131.00	131.00	131.00	30.27	30.27	30.27
Black oak	2.72	2139.00	2139.00	2139.00	449.18	449.18	449.18
Sassafras	1.39	3791.00	3791.00	3791.00	22.15	22.15	22.15