# TOWNSHIP OF LEBANON COUNTY OF HUNTERDON STATE OF NEW JERSEY

#### **ORDINANCE NO. 08-2024**

# ORDINANCE AMENDING CHAPTER 349 OF THE CODE OF THE TOWNSHIP OF LEBANON ENTITLED "TREES" PURSUANT TO THE REQUIREMENTS OF THE TOWNSHIP'S 2024 NJDEP MS4 PERMIT

WHEREAS, the Township of Lebanon is required by the State of New Jersey Department of Environmental Protection (NJDEP) to administer certain stormwater management requirements within the Township; and

WHEREAS, the State of New Jersey pursuant to N.J.A.C. 7:14A. on November 1, 2023 issued a New Jersey Pollutant Discharge Elimination System (NJPDES) Permit to the Township of Lebanon as an operator of a Municipal Separate Storm Sewer System (MS4) within the State; and

WHEREAS, said NJPDES Permit is a renewal of the Township's previous NJPDES permit with said new permit having an effective date of November 1, 2023; and

**WHEREAS**, the Township of Lebanon under said new permit is required to adopt certain ordinances to protect water resources within the Township.

**NOW, THEREFORE, BE IT ORDAINED** by the Township Committee of the Township of Lebanon, Hunterdon County, New Jersey, that Chapter 349 of the Township Code entitled "Trees" be and is hereby amended as follows (additions are bolded and underlined; deletions have strikethrough):

## **SECTION 1. Chapter 349 Trees**

## §349-1. **Purpose**.

The Township Committee of the Township of Lebanon does herein decide and find that the indiscriminate, uncontrolled and excess destruction, removal and cutting of trees upon lots and tracts of land particularly on steep slopes and along stream corridors within the Township has resulted in creating increased municipal costs to control drainage and road repairs and has further caused increased soil erosion, decreased fertility of soils and increased dust, which has caused deterioration of property values. This has further rendered land unfit and unsuitable for their most appropriate use, with the result that there has been deterioration or will result in a future deterioration of conditions affecting the health, safety, and general well-being of the inhabitants of the Township of Lebanon and has caused the passage of this chapter to regulate and control the indiscriminate and excessive cutting of trees, replacement and penalties for noncompliance in the Township of Lebanon to protect the environment, public health, safety and welfare in the Township.

#### §349-2. **Definitions**.

For purposes of this chapter, the following terms, phrases, words, and their derivations shall have the meanings stated herein unless their use in the text of this ordinance clearly demonstrates a different meaning. When consistent with the context, words used in the present tense include the future, words used in the plural number include the singular number, and words used in the singular number include the plural number. The use of the word "shall" mean the requirement is always mandatory and not merely directory.

## **APPLICANT**

Means any "person" as defined below, who applies for approval to remove trees regulated under this chapter.

## DIAMETER AT BREAST HEIGHT (DBH)

Means the diameter of the trunk of a tree generally measured at a point four and a half feet above ground level from the downhill side of the tree.

## **ENFORCING OFFICE**

The duly appointed officer that includes the Township Forester, Construction Code Official, Township Engineer, certified tree expert or other persons knowledgeable in these duties.

## **HOMEOWNER**

Means a person(s) who owns a residence.

## NUISANCE TREE

Means any tree, or limb thereof, that has an infectious disease or insect; is dead or dying; obstructs the view of traffic signs or the free passage of pedestrians or vehicles; is causing obvious damage to structures (such as building foundations, sidewalks, etc.); or threatens public health, safety, and welfare.

#### **PERSON**

Means any individual, corporation, company, partnership, firm, association, political subdivision of this State and any state, interstate or Federal agency.

## **PLANTING STRIP**

Means the part of a street right-of-way between the abutting property line and the curb or traveled portion of the street, exclusive of any sidewalk.

## PROFESSIONAL FORESTER

An individual recognized by the Department of Environmental Protection, Division of Parks and Forestry, New Jersey Forest Service as a New Jersey State approved forester.

## STREET TREE

Means a tree planted in the sidewalk or a planting strip in the public right-of-way.

## TREE

Any woody perennial plant, having a diameter greater than 10 inches, measured from a point 4 ½

feet above ground. Means a woody perennial plant, typically having a single stem or trunk growing to a considerable height and bearing lateral branches at some distance from the ground. No person shall cut or remove any tree upon any lands within the Township of Lebanon, in the County of Hunterdon, unless the aforesaid accomplishes a cause in accordance with the regulations and provisions of this chapter.

## TREE OF SIGNIFICANCE

Means any tree that is recognized by the municipal governing body or local historical organization(s) as being of significance due to its size, unique value, age, rarity, or the aesthetic, botanical, ecological, and historical value.

## TREE REMOVAL

Means to kill or to cause irreparable damage that leads to the decline and/or death of a tree. This includes, but is not limited to, excessive pruning, application of substances that are toxic to the tree, and improper grading and/or soil compaction around the base of the tree that leads to the decline and/or death of a tree. Removal does not include responsible pruning and maintenance of a tree, or the application of tree treatments intended to manage invasive species.

# §349-3. Exceptions Exemptions.

All persons shall comply with the tree replacement standard outlined below, except in the following cases. Justification shall be provided, in writing, to the municipality by all persons claiming an exemption:

- A. Single-family dwellings. Any tree located on a tract of land five acres or less in size where slopes do not exceed 25% on which a single-family dwelling has been erected. This chapter applies to all properties where slopes exceed 25% except for an exempt area of 100 feet in all directions from an existing residence.
- B. <u>Tree farms in active operation</u>, nurseries, <u>fruit orchards</u>, garden centers, etc. Any tree growing on property actually being used as a <u>tree farm</u>, nursery, garden center, Christmas tree plantation, or orchard.
- C. Land used for surface mining or public utilities. Any tree growing on land actually being used for surface mining or public utilities.
- D. Public right-of-way. Any tree growing in a public right-of-way as shown on an approved preliminary or final subdivision or site plan map, official map or current tax map.
- E. Dead or diseased trees; agricultural advancement purposes. Any dead or diseased tree that is likely to endanger the occupant, the public, or an adjoining property owner, or any tree cut for use as firewood, posts, rails, or building materials, provided it is for the personal use of the owner or occupant of the land on which the tree was located before cutting and for use on that land and not for resale or commercial purpose. Any tree growing on property actively operated under farmland assessment which is removed for reasons that advance agricultural purposes for that farm and not resold.
- F. Cutting or removal in accordance with woodland management plan. Any tree cut or removed in accordance with a woodland management plan developed by the New Jersey Department of Environmental Protection (NJDEP), New Jersey Forest Service, or other professional forester, and filed with the enforcing office duly appointed by the Township

- of Lebanon. The woodland management plan shall be approved by the New Jersey Forest Service when required to qualify the property for farmland assessment values.
- G. <u>Clearing, cutting, and/or removal of trees which is necessary to service, maintain, or ensure the continued safe use of a lawfully existing structure, right-of-way, field, park, and/or garden.</u>
- H. <u>Properties used for the practice of silviculture under an approved forest stewardship</u> or woodland management plan<del>;</del>.
- I. Any trees removed pursuant to a New Jersey Department of Environmental Protection (NJDEP), or U.S. Environmental Protection Agency (EPA) approved environmental clean-up, or NJDEP approved habitat enhancement plan.
- J. Approved game management wildlife habitat management practices, as recommended by the State of New Jersey Department of Environmental Protection, Division of Fish and Wildlife Program Game and Wildlife, NJDEP Office of Natural Resource Restoration, USDA Natural Resources Conservation Service, US Fish and Wildlife Service, a government resource agency such as a parks commission, or a charitable conservancy.
- K. Nuisance trees may be removed with no fee or replacement requirement.

# § 349-4. Application for permit; review.

- A. Application for permit of removal. Any person of a corporation desiring to destroy, cut or remove any such tree in excess of the aforesaid size defined as a regulated activity pursuant to §349-5 below, shall apply to the Zoning Officer of the Township of Lebanon for a permit to remove such trees. The applicant shall identify the land upon which the tree or trees are located and shall disclose the name and address of the owner, tenant, or duly authorized agent of said owner or tenant, and shall identify and place the location of said tree or trees sought to be cut, removed or destroyed. This shall apply to all subdivisions, site plans and any lot of record.
- B. Issuance of permit. If the applicant discloses that no more than five trees, in excess of the size referred to aforesaid in this chapter, are to be removed or destroyed from the lot or tract of land identified in said application, then, and in that event, said Zoning Officer may issue a permit for the removal of said tree or trees.
- C. Removal of more than five trees; determinations; certification by a professional forester. In the event said applicant, together with any previous applicant or application, indicates that more than five trees of the size hereinbefore referred to are to be cut, removed or destroyed from said land, the Zoning Officer shall review the site to determine whether the cutting, removal or destruction of said trees shall impair the drainage conditions, create soil erosion, increase the dust, or cause the deterioration of the property value and shall further determine the overall effects of the physical and aesthetic values of the land. In the event that the Zoning Officer is unable to determine if the removal of such trees would be detrimental to the property in question, the Zoning Officer may require that the applicant provide a certification by a professional forester that the cutting, removal or destruction of said trees shall not impair the drainage conditions, create soil erosion, increase the dust, or cause the deterioration of the physical and aesthetic values of the land. The cost of this determination shall be borne totally by the applicant.

## §349-5. Regulated Activities.

# **A.** Tree Replacement Requirements

- (1) Within a five-year period, any person who removes one or more street tree(s) with a DBH of 2.5" or more, unless exempt under §349-3, shall be subject to the requirements of the Tree Replacement Requirements Table below.
- (2) For applicants, other than "Homeowners":

  Within a five-year period, any person, other than a homeowner, who removes one or more tree(s) with a DBH of 6" or more per acre, unless exempt under Section 349-3, shall be subject to the requirements of the Tree Replacement Requirements Table below.
- (3) For "Homeowner" applicants:
  Within a five-year period, any person that removes more than three (3) trees per acre that fall into categories 1, 2, or 3, combined, or anyone (1) tree in categories 4 or 5 in the Tree Replacement Requirements table below, unless exempt under Section 349-3, shall be subject to the requirements of the Tree Replacement Requirements Table below.
- (4) Acceptable species of replacement trees are as follows: See Appendix A.
  - (a) October Glory Maple
  - (b) <u>Green Mountain Sugar Maple</u>
  - (c) Princeton Sentry Ginkgo
  - (d) Sour Gum
  - (e) Swamp White Oak
  - (f) Willow Oak
  - (g) Red Oak
  - (h) Sawleaf Zelkova
- (5) Replacement tree(s) shall meet the required actions in table below and shall be planted within twelve (12) months of the date of removal of the original tree(s). Replacement tree(s) shall be monitored by the applicant for a period of two (2) years to ensure their survival and shall be replaced as needed within twelve (12) months. Trees planted in temporary containers or pots do not count towards tree replacement requirements.

# **Tree Replacement Requirements Table:**

Category	Tree Removed (DBH)	Required Action
1	trees) or 6" (for other trees)	Replant 1 tree in accordance with Appendix A, with a minimum DBH
	<u>to 12.99"</u>	of 1.5" for each tree removed

2	DBH of 13" to 22.99"	Replant 2 trees in accordance with Appendix A, with minimum DBHs of 1.5" for each tree removed
3	DBH of 23" to 32.99"	Replant 3 trees with minimum DBHs of 1.5" for each tree removed
4	DBH of 33" or greater	Replant 4 trees with minimum DBHs of 1.5" for each tree removed
<u>5</u>	Tree of Significance*	Replant 5 trees with minimum DBHs of 1.5" for each tree removed

\*Tree of Significance removals shall be approved by the Township Committee.

## **B.** Replacement Alternative.

If it is determined by the Township that some or all required replacement trees cannot be planted on the property where the tree removal activity occurred, then the applicant shall do one of the following:

- (1) Plant replacement trees in a separate area(s) approved by the municipality.
- (2) Pay a fee of \$400.00 per tree removed. This fee shall be placed into a fund dedicated to tree planting.

# § 349-<u>6</u>. Basis for determination.

As a basis for determining permitted tree removal, the Zoning Officer shall give due consideration to the following:

- A. Clearance for road or driveway right-of-way. Clearance of trees for proposed road or driveway right- of-way shall be approved by the Zoning Officer only for the paved or stoned portion of such rights- of-way plus 15 feet width on each side only for alignments on plans as approved by the Planning Board or Board of Adjustment or Township Engineer.
- B. Clearance for construction. Clearance of trees for construction of residence or other primary and accessory building plus a twenty-five-foot-wide area surrounding such buildings shall be approved by the Zoning Officer only upon receipt of preliminary or final subdivision or site plan application as approved in writing by the Planning Board or Board of Adjustment.
- C. Clearance for off-street parking facilities or outdoor storage areas. Clearance of trees for proposed off-street parking facilities or outdoor storage areas shall be approved by the Zoning Officer only for cleared locations as indicated on site plans approved by the Planning Board or Board of Adjustment.
- D. Clearance for construction of septic tanks, etc. Clearance of trees for construction of septic tanks, cesspools, leaching fields, sewer plants and the like shall be approved by the Zoning Officer only after receipt of a site plan as approved by the Health Officer or Municipal Board of Health or Township Engineer.
- E. Consideration of permits granted. All permits granted for removal of trees shall be issued with due consideration to the intent and purpose of this chapter. Properties which are

subject to a permit shall be managed and restored in accordance with the New Jersey Forestry and Wetlands Best Management Practices Manual.

## F. Tree removal.

- (1) Where permitted.
  - (a) Generally, the removal of trees shall be permitted where the cut-and-fill operations as part of site grading are in excess of one-foot elevation on all sides of a tree or trees in question.
  - (b) Where, in the opinion of a professional forester or engineer, the change in the existing drainage pattern will result in the general destruction of trees.
- (2) Where prohibited or subject to special consideration.
  - (a) Where the purpose of tree removal is to provide better visibility to expose vacant land, signs and billboards, such removal shall be prohibited.
  - (b) Where the existing trees form part of a planning greenbelt in any buffer zone, wetlands area, or transition area, such removal shall be prohibited.
  - (c) Where trees are considered to be special by virtue of history, unusual size, or the like, such removal shall be prohibited.
  - (d) The removal of trees near utility substations, transmission towers, warehouses, junkyards, landfill operations and other similar uses or structures shall be prohibited except where in conflict with public safety requirements.
    - [1] In the vicinity of such uses or structures, in the absence of existing trees or forest cover, provisions shall be made for screen planting preferably using evergreen species.

## § 349-7. Issuance of permit; notification of nonissuance.

- A. The Zoning Officer, after reviewing the site and the certification of a professional forester, if required, shall determine whether the applicant shall be granted a permit and shall issue a tree removal permit or denial in writing within 10 days of the date of such application. The Zoning Officer shall from time to time designate another officer for a particular application who shall be the Construction Code Official or the Township Engineer of the Township of Lebanon. That designated official shall have the same duties and responsibilities as the Zoning Officer pertaining to that application.
- B. If said determination of the applicant's request is unfavorable, the Zoning Officer shall promptly notify the applicant in writing with respect thereto and shall not issue said permit.

# § 349-<u>8</u>. Fees.

The applicant at the time of filing said application shall deposit with the Zoning Officer a fee for the permit according to the following schedule:

Number of Trees	Permit Fee
5 to 15	\$50
16 to 31	\$100

32 to 50	\$150
51 to 75	\$200
76 to 100	\$250
Over 100	\$300

## § 349-**9**. **Right of appeal**.

The applicant shall have the right to appeal the aforesaid decision to the Board of Adjustment of the Township of Lebanon within 15 days of receipt of the Zoning Officer's decision. The Board shall, by written notice to the applicant, address the applicant within 30 days after the filing of said notice of appeal or hearing, where applicable, of its decision. The Board of Adjustment may in its discretion and upon complete review of the application, and after hearing the testimony of the Zoning Officer and the applicant, reverse, modify or affirm the aforesaid decision.

# § 349-<u>10</u>. Violations and penalties.

Any person violating any provision of this chapter shall be subject to a fine not exceeding \$500 per tree removed or imprisonment for 30 days, or both, at the discretion of the Judge of the Municipal Court of the Township of Lebanon.

# **SECTION 2. Repealer.**

All ordinances or parts of ordinances in conflict or inconsistent with any part of this Ordinance are hereby repealed to the extent that they are in conflict or inconsistent.

# **SECTION 3. Severability.**

If any section, provision, or part of provision of this Ordinance shall be held to be unenforceable or invalid by any court, such holding shall not affect the validity of this Ordinance, or any part thereof, other than the part so held unenforceable or invalid.

# **SECTION 4. Effective Date.**

This Ordinance shall take effect after passage and publication in the manner provided by law.

# APPENDIX A: LEBANON TOWNSHIP APPROVED TREE SPECIES LIST

(More information about planting times/seasons and proper planting procedures can be found at a variety of online sources, including but not limited to https://www.wildflower.org/plants/ and https://www.jerseyyards.org/.)

Common Tree Name	Botanical Name	Soil Needs	Sunlight Needs	Height & Growth	Deer Resistant	Comments
Boxelder	Acer negundo	Average	Full sun-pt.	30-50 ft, fast	Somewhat	Yellow/green flowers in March/April; high drought tolerance
Yellow buckeye	Aesculus flava	Average	Full sun-pt.	60-75 ft, moderate	Somewhat	Clusters of yellow flowers in April-May; produces nuts; orange fall foliage
Gray Alder	Alnus incana	Moist- wetland	Full sun-pt.	15-35 ft, fast	Somewhat	Purple-red catkins in spring, flood tolerant

						Drooping clusters of
						white flowers in
						March/April; edible
Common	<u>Amelanchier</u>		Full sun-pt.	15-25 ft,		purple berries; colorful
Serviceberry	<mark>arborea</mark>	<b>Average</b>	sun	moderate	Somewhat	fall foliage
						Purple flowers in
						April/May; flavorful,
	Asimina		Full sun-pt.	15-20 ft.,		edible fruit in fall; need
<b>Pawpaw</b>	triloba	<b>Average</b>	sun	slow	Mostly	two for pollination.
Yellow	<u>Betula</u>	Moist -	Pt. Sun-	60-80 ft,		Yellow fall foliage;
<mark>birch</mark>	<mark>alleghaniensis</mark>	<mark>wetland</mark>	<mark>shade</mark>	<mark>slow</mark>	<b>Somewhat</b>	susceptible to drought
		Average-				
		moist,				Peeling bark; yellow fall
		<mark>slightly</mark>	<mark>Full sun-pt.</mark>	40–60 ft.,		foliage; does well in
River Birch	<mark>Betula nigra</mark>	acidic acidic	<mark>sun</mark>	rapid	Mostly	wetlands
	<mark>Betula</mark>	Average-		20-30 ft,		White bark; susceptible to
Gray birch	<mark>populifolia</mark>	moist moist	Full Sun	rapid	Mostly	drought
						Small shade tree;
American_	<u>Carpinus</u>	Average-	Full sun-pt.	30 ft.,		susceptible to drought;
Hornbeam 1	<mark>caroliniana</mark>	moist	shade	slow	Mostly	flood tolerant
						Bright yellow winter
Bitternut	Carya	Average-	Full sun-pt.	50-80 ft,		buds; produces nuts;
Hickory	<u>cordiformis</u>	moist	sun	slow	Mostly	yellow fall foliage
Pignut	~	Dry -	Full sun-pt.	50-80 ft.,		
Hickory Hickory	Carya glabra	average	sun	slow	Mostly	Produces nuts
C1 1 1			D 11	100.0		Ornamental shaggy bark;
<mark>Shagbark</mark>	C .	Average-	Full sun-pt.	100 ft,	3.6 .1	produces edible nuts;
Hickory	Carya ovata	moist	sun	moderate	Mostly	golden fall foliage
Mockernut	Carya	Average-	Full sun-pt.	50-60 ft,	N ( 1	Produces edible nuts;
Hickory	<u>tomentosa</u>	moist	sun	slow	Mostly	yellow fall foliage
American	<u>Castanea</u>		Eull aum at	100 ft,		Choose blight-resistant variety when available;
Chestnut	dentata	Average	Full sun-pt.	moderate	Somewhat	produces edible nuts
Common	Celtis	Average	sun	40-60 ft,	Somewhat	produces edible fluts
Hackberry	occidentalis	Average	Full Sun	fast	Mostly	Produce purple fruits
Hackberry	occidentatis	Average	Tuli Suli	last	iviostry	Magenta flowers in
Eastern	<b>Cercis</b>		Sun-pt.	30 ft.,		April/May; bright fall
Redbud	canadensis	Average	shade	moderate	No	foliage; drought tolerant
200000	Sanaacrists	rivorage	Silado	inouciate	± 10	White flower clusters in
						May/June, blue-black
Alternatelea	<b>Cornus</b>	Dry -	Pt. Sun-	15-25 ft,		fruits; red fall foliage;
f Dogwood	alternitflora	average	shade	moderate	No	susceptible to drought
			1			White flowers in
		Average-				April/May; red fruit; red
Flowering		moist,	Pt. Sun-	30 ft.,		fall foliage; susceptible to
dogwood	Cornus florida	acidic	shade	moderate	No	drought
						Clusters of white flowers
						in late spring; bright red
Cockspur	<b>Crataegus</b>	Dry -	Full sun-pt.	20-30 ft,		fruits; red fall foliage; has
Hawthorn	crus-galli	average	sun	moderate	Somewhat	thorns
						White/green flowers in
						spring; edible fruit; need
	<b>Diospyros</b>	l	Full sun-pt.	35-60 ft,		two trees for pollination;
Persimmon	virginiana	<b>Average</b>	sun	slow	Mostly	drought tolerant

		1	D <sub>4</sub> C	40 50 C		T 1 0
American	71		Pt. Sun-	40-50 ft,	N. 6. 41	Evergreen; need male &
Holly	Ilex opaca	Average	shade	slow	Mostly Mostly	female for red berries
	<mark>Juglans</mark>			40-60 ft,		Produces edible nuts;
Butternut	<mark>cinerea</mark>	<b>Average</b>	Full sun	<mark>fast</mark>	Somewhat	roots produce plant toxins
						Produces large edible
Black				50-100		nuts; roots produce plant
Walnut	Juglans nigra	Average	Full sun	ft, fast	Somewhat	toxins
Wallat	ougians nigra	riverage	I un sun	rt, rast	Some what	Evergreen; produces
D 1	T .		D 11	40 60 6		
Eastern Red	<mark>Juniperus</mark>		Full sun-pt.	40–60 ft,		small blue-gray berries;
Cedar	<mark>virginiana</mark>	Average Average	<mark>sun</mark>	slow	Mostly Mostly	drought tolerant
						Yellow/orange flowers in
	<b>Liriodendron</b>	Average-		<mark>60-120</mark>		May/June; susceptible to
Tulip tree	tulipifera	moist	Full Sun	ft, rapid	<b>Mostly</b>	drought
Red		110101	Full sun-pt.	35-50 ft,	1.1001)	Female trees produce
Mulberry	Morus rubra	A viama ara		-	No	edible fruit, can be messy
Mulberry	<i>Morus rubra</i>	Average	<mark>sun</mark>	moderate	INO	
						Female trees produce
	<mark>Nyssa</mark>	Average-	Pt. Sun-	60-80 ft,		edible sour fruit; red fall
Blackgum	sylvatica	moist	<u>shade</u>	<mark>rapid</mark>	<b>Mostly</b>	foliage; flood tolerant
Hop	<u>Ostrya</u>	Dry -	Pt. Sun-	25-50 ft,		Produces uniquely shaped
hornbeam	<mark>virginiana</mark>	Average	shade	slow	Mostly	seed pods
Eastern	vii giiiiaiia	Average,	bildae	50-80 ft,	iviostry	Evergreen; susceptible to
	D: 1		T. 11		C 1 .	
White Pine	Pinus strobus	acidic	Full sun	rapid	Somewhat	drought
Bigtooth	<mark>Populus</mark>			60-80 ft,		
<b>Aspen</b>	<mark>grandidentata</mark>	<b>Average</b>	Full Sun	<mark>rapid</mark>	<mark>No</mark>	Yellow fall foliage
Quaking	<i>Populus</i>			50-60 ft,		White bark; yellow fall
Aspen	tremuloides	<b>Average</b>	Full Sun	rapid	No	foliage
risperi	· · · · · · · · · · · · · · · · · · ·	riveruge	1 411 2 411		1 1 1	Clusters of white flowers
						in March; edible red
	D		D 11	15.05.0		
American	Prunus		Full sun-pt.	15-25 ft,		plums; susceptible to
Plum Plum	<mark>americana</mark>	<b>Average</b>	<mark>sun</mark>	medium	No	drought
						White flowers in May;
	<u>Prunus</u>			20-50 ft,		edible berries; bright fall
Pin Cherry	pensylvanica	<b>Average</b>	Full sun	rapid .	Somewhat	foliage
<u>,                                      </u>	<u></u>	8				White flowers in May;
Black	<u>Prunus</u>	Dry -		50-60 ft,		small edible berries;
	_		E 11		NT.	
Cherry	<u>serotina</u>	average	Full sun	rapid	No	bright fall foliage
						White flowers in
	<u>Prunus</u>			20-30 ft,		April/May; small edible
<b>Chokecherry</b>	<mark>virginiana</mark>	Average Average	<mark>Full sun</mark>	<mark>rapid</mark>	<mark>No</mark>	berries; bright fall foliage
						Produces acorns; tolerates
			Full sun-pt.	50-80 ft,		some flooding and
White Oak	Ouercus alba	Average	sun	slow	No	occasional drought
WHILE Oak	Quercus aiba	Average	oun e	SIOW	I TO	Produces acorns;
		1				-
		Moist -				yellow/purple fall foliage;
Swamp	<mark>Quercus</mark>	wetland,	Full sun-pt.	50-60 ft,		tolerates some flooding
White Oak	<mark>bicolor</mark>	acidic	<mark>sun</mark>	<mark>rapid</mark>	No	and drought
Chestnut	<u>Quercus</u>	Dry -	Full sun-pt.	60-70 ft,		Produces acorns; orange
Oak	montana	average	sun	slow	No	fall foliage
		Average-		22011	<u> </u>	Produces acorns; red fall
	Owener		Endl com at	70 00 8		
D' 0.1	Quercus <sub>1</sub>	moist,	Full sun-pt.	70–90 ft.,	G 1	foliage; roots won't
<mark>Pin Oak</mark>	<mark>palustris</mark>	acidic acidic	<mark>sun</mark>	rapid	Somewhat <b>Somewhat</b>	buckle paving
Northern Northern		Dry -	Full sun-pt.	60-75 ft.,		
Red Oak	Quercus rubra	<mark>average</mark>	<mark>shade</mark>	<mark>moderate</mark>	No No	Produces acorns

		Dry -				
	<b>Quercus</b>	Average,	Full sun-pt.	50-60 ft,		Produces acorns; red fall
Black Oak	<mark>velutina</mark>	acidic	sun	moderate	No	foliage
						Yellow fall foliage;
Black		Moist -		30-60 ft,		tolerant of flooding;
Willow Property of the Control of th	<mark>Salix nigra</mark>	wetland	Full sun	rapid	No	susceptible to drought
	<u>Sassafras</u>	Dry -	Full sun-pt.	30-60 ft,		Bright fall foliage;
<b>S</b> assafras	<mark>albidum</mark>	average	sun	moderate	<b>Somewhat</b>	drought tolerant
	<mark>Thuja</mark>	Average-	Full sun-pt.	20-40 ft,		
<b>Arborvitae</b>	occidentalis	moist	sun	slow	No	<b>Evergreen</b>
						Yellow flowers in June;
	<i>Tilia</i>	Average-	Full sun-pt.	60-80 ft,		syrup can be made from
<b>Basswood</b>	<mark>americana</mark>	moist	sun	moderate	No	sap; drought tolerant
American	<u>Ulmus</u>					New cultivar resistant to
Elm	<mark>americana</mark>			100 ft.,		Dutch Elm disease;
(Princeton)	'Princeton'	<b>Average</b>	Full sun	rapid	No	drought tolerant

## **CERTIFICATION**

I, Carolynn Budd, Township Clerk of the Township of Lebanon, County of Hunterdon, State of New Jersey, do hereby certify that the foregoing is a true and correct copy of an Ordinance introduced by the Lebanon Township Committee at a meeting held April 17, 2024 and adopted by the Township Committee on May 1, 2024.

Carolynn Budd, RMC	
Township Clerk	