



TOWN OF EXETER, NEW HAMPSHIRE

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www.exeternh.gov

PUBLIC NOTICE **EXETER CONSERVATION COMMISSION'S** **Subcommittee: Exeter Tree Committee**

The Exeter Tree Committee will meet in the Wheelwright Room, Exeter Town Offices at 10 Front Street, Exeter on Wednesday, September 15th, 2021 at 8:30 A.M.

Call to Order:

1. Introduction of Members Present
2. Public Comment

Agenda Items

1. Approval of Minutes from the August 11th, 2021 meeting
2. Tree Ordinance Update from ConCom and next steps
3. Future Outreach/Action Item prioritization.

Eileen Flockhart, Chair
Exeter Tree Committee

Posted August 6th 2021 Exeter Town Website www.exeternh.gov and Exeter Town Offices

CHAPTER X TREE ORDINANCE

XXX PURPOSE

The purpose of this Chapter is to encourage the proper management of public trees within the Town of Exeter; to establish a standard of care and provide clear guidance to Town officials, public utilities, arborists, and residents regarding the planning, planting, preservation, maintenance, care, and removal of trees in public parks and on public rights-of-way within the Town of Exeter; and to establish and assign proper authority regarding care of public trees on these lands within the Town of Exeter.

XXX JURISDICTION

Areas subject to the Ordinance: All streets, highways, parks, cemeteries, or other grounds owned by the Town. This includes public easements along all public roads to the property line. The Conservation Commission has its own procedures for dealing with trees on conservation land, therefore this Ordinance does not apply to Town owned (fee owned) conservation land.

Activities subject to the Ordinance: Planning, planting, preservation, maintenance, care, and removal of trees in public parks and on public rights-of-way within the Town of Exeter. Any work on public trees shall comply with the tree regulations regardless of whether such work involves private individuals, businesses, public utility companies, contractors, or Town officials.

XXX DEFINITIONS

As used in this Chapter, the following terms are defined as follows:

Caliper

Tree Caliper means an American National Standards Institute (ANSI) standard for the measurement of nursery trees and shall be used for trees under 12" in Diameter at Breast Height (DBH). The caliper measurement of a trunk shall be taken 6" above the ground for trees up to and including a 4" caliper size at that height. If the caliper at 6" above ground exceeds 4", the caliper measurement should be taken at 12" above the ground. For trees above 12" in diameter, Diameter at Breast Height (DBH) is used.

Central Leader

Referred to as the leader or dominant leader. It is a vertical continuation of the main trunk, beginning above the highest lateral branch and extending to the top of the tree.

Diameter at Breast Height (DBH)

The measurement of a tree's trunk diameter in inches at breast height (4 ½ feet above ground level at the tree's base). For trees with less than 4 ½ feet of clear

trunk, the diameter shall be of the largest leader measured 4 ½ feet above ground level. For multi-trunk trees, it shall be the sum of the diameter of the individual trunks measured 4 ½ feet above ground level.

Easement

An agreed-upon use of land by a party other than the landowner, whereby the holder of the easement acquires only a reasonable and usual enjoyment of the property, and the owner of the land retains the benefits and privileges of ownership consistent with the easement.

Fee Owned Conservation Land

Outright ownership of a property.

Hazard Tree

A tree or tree part that has defects or structural weaknesses that poses a high risk upon its failure of causing personal injury or death, or damage to property; public or private, and could be a threat to public passage or traffic safety.

A tree becomes a potential hazard when its woody structure is weakened by one or more defects which decrease its structural integrity and increase its potential for failure. Defects are visible signs that a tree has failed, is failing, or has the potential to fail. There are seven main categories of defects:

1. Cracks,
2. Weak branch unions,
3. Stem or branch decay,
4. Cankers, infectious disease, insect problems,
5. Dead trees, tops or branches,
6. Root problems, and
7. Poor tree architecture.

As defined by the International Society of Arboriculture (ISA), a hazard tree must meet three (3) criteria:

- (1) The tree is sufficiently large enough to cause damage should it fall;
- (2) The tree has a target that would be damaged should it fall;
- (3) The tree has a condition that would make it likely to fall.

By definition, a hazard tree = a defective tree plus a target

Note: Hazard trees within the river are addressed through the River Hazard Removal Policy (Select Board Policy 2010-01)

Invasive Species

An alien or an introduced organism that causes ecological harm, or is likely to cause harm in a new environment where it is not native. Invasive species can lead to extinction of native plants or animals, destroy biodiversity, and permanently alter habitats. The NH Department of Agriculture maintains the list of NH Invasive Species in accordance with the State Invasive Species Act.

Memorial Tree Program

The Exeter Parks and Recreation Department's Memorial Tree Program is designed as a resource to allow residents, organizations, and businesses the opportunity to assist the Town in its beautification of public spaces with a purchase of designated trees. The Memorial Tree Program contributes to the Town's goal of increasing trees in the community through the efforts of the Tree Committee.

Through this special Exeter Parks and Recreation program, trees can also be purchased and planted in public places as living tributes to friends and loved ones or to commemorate a special occasion.

Park

An area of land owned and managed by the Town and set aside for environmental protection and/or recreation.

A list of Exeter's parks can be found [here](#).

Property Owner

A person or business entity with a legal or equitable interest in a property (as shown by the Town's Assessor's list).

Pruning

A horticultural practice of selectively cutting/removing specific portions of a tree (such as roots, buds, branches) that are dead, undesirable, or overgrown, OR trimming for healthy plant development and aesthetic purposes. Pruning can be considered preventive maintenance.

Public Places

Includes all streets, highways, parks, cemeteries, easements, or other grounds owned by the Town. This includes public easements along all public roads to the property line. Property owners should ascertain the public easement along their property line before any tree work, including pruning, removal, or planting. Questions can be directed to the Tree Warden or the Code Enforcement Officer of the Town.

Public Trees and Street Trees

Public Trees refers to trees, shrubs, and other woody vegetation within the public right-of-way or on any public property. This includes shade, ornamental, and forest trees or shrubs growing on any street, park, cemetery, or public place. Street Trees refers to trees and other woody vegetation growing on public streets and on land lying within the public rights-of-way.

Replacement Trees

A tree or trees to be planted to replace any trees removed. The replacement trees will be nursery grown, with a preference for native trees.

Equivalent Replacement: The replacement of a removed or damaged tree to compensate for that tree's removal, or its damage, with one tree the same diameter, or a combination of smaller trees that will equal that removed tree's DBH as defined herein. Alternatively, payment of equivalent replacement value can be made to the Parks and Recreation Memorial Tree Fund.

Tree-for-Tree Replacement: Replacing a removed tree with a tree, or trees, with a minimum of two to two-and-one-half inches in cumulative trunk diameter at breast height (DBH). The Tree Warden and the Tree Committee will develop and maintain within the regulations an up-to-date list of approved trees for planting under appropriate circumstances.

Right-of-Way

The "legal right, established by grant or usage, to pass along a specific route through grounds or property belonging to another". It usually includes the median, utility poles, sidewalks, and the area immediately adjacent to the street.

Significant Trees

Significant trees, as defined in Exeter's Site and Subdivision regulations (7.4.7), are 20-inches or greater in diameter at breast height (DBH).

Tree Maintenance

Activities, equipment, plans, and provisions to keep trees alive and flourishing.

XXX TREE WARDEN

The Exeter Tree Warden is an appointed official with relevant training and/or experience, who has the authority and responsibility for maintaining public trees, and advising the public on matters relating to public trees. The Tree Warden works with and is supported by the Exeter Tree Committee.

The Tree Warden's job may include, but is not limited to, the oversight of the following:

- Pruning of trees for health and safety;
- Spraying of trees;
- Removal of trees that are dead or dying as a result of storms, insects, disease, or old age;
- Identification of sites for planting new trees;
- Planting new trees;
- Maintaining an inventory of public trees;
- Supervising Town tree workers;
- Inspecting contracted tree work;
- Utility arboricultural operations;
- Assessment of trees for potential hazards to public safety.

The Technical Review Committee may request that the Tree Warden or designee provide advice on tree removal, tree selection, and placement of trees on projects that come before the Planning Board.

The Tree Warden shall advise on and help coordinate landscaping efforts on Town properties and/or within the Town's right-of-way.

XXX TREE COMMITTEE

The Exeter Tree Committee was created in 2019 as part of the Town of Exeter's efforts to be officially recognized as a Tree City. The Committee is a subcommittee of the Conservation Commission, and is made up of volunteers who will:

- Coordinate efforts in support of Exeter's Tree City USA designation;
- Aid in carrying out the provisions of this ordinance;
- Collaborate with the Tree Warden, Town departments, and other Town officials to foster a tree-rich community;
- Help monitor the health and protection of public trees;
- Work to update our inventory of public trees;
- Seek grants and secure funds to support and advance the work of the committee;
- Advance educational efforts to promote awareness and knowledge of the benefits of trees.

More information on the Tree Committee can be found on the Town's website under the Conservation Commission Main Page.

<https://www.exeternh.gov/bcc-cc/exeter-tree-committee>

More information on Tree City USA at Arborday.org can be found [here](#).

XXX PERMITS / PERMISSION REQUIRED

Permission must be obtained from the Tree Warden prior to doing any work related to public trees, or commencing any activity within the public right-of-way that may disturb roots, trunks, or limbs of public trees. This can include, but is not limited to, trimming, fertilizing, planting, treating with chemicals (fertilizer, herbicides, or pesticides), and removal.

Any person engaging in the business of cutting, planting, pruning, removing, spraying or otherwise treating public trees must first produce evidence of certification/license to the Tree Warden or designee.

Permission for removal of a public tree will not be granted without first

establishing an acceptable plan for replacement. The Tree Warden shall determine which replacement method (Equivalent or Tree-For-Tree Replacement) is appropriate for the given circumstance.

XXX TREE COMMITTEE CONSULTATION

A significant public tree (defined as having a diameter larger than 20" DBH) may be removed only with prior approval of the Tree Committee, and only after the opportunity for public input at a Tree Committee meeting, *except* where delay in the removal of the tree would pose an imminent threat to public safety or property.

Replacement plans for Significant Trees will be determined in consultation with the Tree Committee.

XXX SPONSORSHIP OF PUBLIC TREES

The sponsorship of public trees within the public right-of-way by the abutting property owner is permissible and encouraged provided that the Tree Warden approves the location and selection of such trees. The selected tree or trees will be planted by the Department of Public Works, and it will be the responsibility of the abutting property owner to water the tree(s) until they have become successfully established.

(See our standards for planting and care.)

XXX TREE REMOVAL AND REPLACEMENT

The Tree Warden, subject to the approval of the Tree Committee, shall take such action necessary to order the removal of a public tree or trees wherever necessary to preserve public safety or to prevent the spread of disease or insects to other public trees and places. The approval of the Tree Committee is not necessary in emergency situations when public safety, health, and welfare is at risk.

Prior to the removal of a public tree, a replacement plan must be approved by the Tree Warden. The plan shall identify the replacement method (Equivalent Replacement or Tree-for Tree Replacement), planting location, and tree species. If the tree to be removed is a Significant public tree, the replacement plan will be determined in consultation with the Tree Committee.

When a public tree has been (unlawfully) damaged or destroyed, in addition to tree replacement, the responsible party shall pay for the removal and disposal of the removed tree, including the stump, and any resulting sidewalk and/or landscape repairs, and shall provide a 3-year guarantee of success. (Trees that do not survive must be replaced.)

XXX HARMING PUBLIC TREES

No person shall, willfully or mischievously, break down, injure, climb upon, or commit any injury to public trees, nor shall they interfere with the roots or place signs or posters or any other fixture on a tree using nails or other devices which may damage the tree. Removal of any guard, stake, or watering device intended for the promotion of the health and protection of a public tree is also prohibited.

XXX PENALTIES

Anyone who violates any provision of this ordinance, upon being found guilty of violation, shall be subject to a fine not to exceed (\$300) for each separate offense. If the injury, mutilation, or death of any public tree(s) is caused, the cost of repair or replacement, or the appraised dollar value of such tree(s), shall be borne by the party in violation.

XXX ENFORCEMENT

The Town Warden or designee, in consultation with the Tree Committee, shall have the power to promulgate and enforce regulations, rules, and specifications concerning the spraying, trimming, removal, planting, and protection of public trees.

XXX PRIVATE TREES

If the Tree Warden determines that a tree on private property is a public hazard, the Tree Warden will notify the property owner to make them aware of the problem, and alert them that immediate action must be taken to resolve the issue. If the property owner does not respond, or does not take corrective action, the Town Manager will be notified and the Tree Warden will then remove what is necessary to ensure public safety.

XXX STANDARDS FOR PROPER PLANTING AND MAINTENANCE

XXX NATIVE TREES AND SHRUBS

See Exhibit A-Notes on Approved Trees and Shrubs; Recommended Native Trees

See Exhibit B-Notes on Native Trees and Shrubs; Invasive Trees and Plants to be avoided.

Note: This will be updated every 5 years.

XXX FUNDING

It is the goal of the Tree Committee to work with the Town to establish a fund that will support the activities of the Committee.

This fund would cover for activities and purchases including:

- Tree work such as labeling public trees in Town;
- The expense of a Town arborist;
- The purchase, planting, and maintenance of new trees in public places;
- The purchase of equipment for emergency and tree maintenance work to be done in-house.

Version: June 9, 2021. July 18, 2021. August 2, 2021, August 11, August 23
August 31, September 7

EXHIBIT A: APPROVED TREES AND SHRUBS

Please Note: Justification must be provided prior to the selection of a non-native species.

The Town maintains a spreadsheet with tree characteristics and suitable planting conditions (street tree, park or suitable for larger area, high salt tolerance, and more). Contact the Tree Warden at the Department of Public Works if you would like assistance in selecting a species for particular conditions. (*indicates native to the Eastern US)

Common name	Scientific name	Native
Red maple	<i>Acer rubrum</i>	Yes
Sugar maple	<i>Acer saccharum</i>	Yes
Freeman maple	<i>Acer xfreemanii</i>	Yes
Serviceberry/ juneberry	<i>Amelanchier canadensis</i>	Yes
River birch (single trunk)	<i>Betula nigra</i>	Yes
American hornbeam, ironwood, musclewood	<i>Carpinus caroliniana</i>	Yes
Hackberry	<i>Celtis laevigata</i>	Yes
Common hackberry	<i>Celtis occidentalis</i>	Yes
Pagoda dogwood/alternate leaf dogwood	<i>Cornus alternifolia</i>	Yes
Flowering dogwood	<i>Cornus florida</i>	Yes
Hawthorn	<i>Crataegus macrosperma</i>	Yes
American beech	<i>Fagus grandifolia</i>	Yes
Eastern red cedar	<i>Juniperus virginiana</i>	Yes
Sweetgum	<i>Liquidambar styraciflua</i>	Yes*
Tulip tree or tulip poplar	<i>Liriodendron tulipifera</i>	Yes*
Cucumber magnolia	<i>Magnolia acuminata</i>	Yes*
Black gum or black tupelo	<i>Nyssa sylvatica</i>	Yes
Ironwood	<i>Ostrya virginiana</i>	Yes
White spruce	<i>Picea alba</i>	Yes
Pitch pine	<i>Pinus ridgida</i>	Yes
White pine	<i>Pinus strobus</i>	Yes
American sycamore	<i>Platanus occidentalis</i>	Yes
Pin cherry	<i>Prunus pensylvanica</i>	Yes

Common name	Scientific name	Native
White oak	<i>Quercus alba</i>	Yes
Swamp white oak	<i>Quercus bicolor</i>	Yes
Scarlet oak	<i>Quercus coccinea</i>	Yes
Bur oak	<i>Quercus macrocarpa</i>	Yes
Red oak	<i>Quercus rubra</i>	Yes
Black willow	<i>Salix nigra</i>	Yes
Sassafras	<i>Sassafras albidum</i>	Yes
American mountain ash	<i>Sorbus americana 'dwarfscrown'</i>	Yes
Common baldcypress	<i>Taxodium distichum</i>	Yes*
American linden/basswood	<i>Tilia americana</i>	Yes
American elm	<i>Ulmus americana</i>	Yes
Eastern redbud	<i>Cercis canadensis</i>	No
White fir	<i>Abies concolor</i>	No
Flame amur maple	<i>Acer ginnala 'flame'</i>	No
Paperbark maple	<i>Acer griseum</i>	No
Fort McNair horse chestnut	<i>Aesculus carnea 'fort McNair'</i>	No
European hornbeam	<i>Carpinus betulus</i>	No
Northern catalpa	<i>Catalpa speciosa</i>	No
Yellowwood	<i>Cladrastis kentukea</i>	No
Stellar pink dogwood	<i>Cornus 'stellar pink'</i>	No
Cornelian-cherry dogwood	<i>Cornus mas</i>	No
Gingko	<i>Gingko biloba</i>	No
Honey locust	<i>Gleditsia triacanthos</i>	No
Kentucky coffee tree	<i>Gymnocladus dioicus</i>	No
Elizabeth magnolia	<i>Magnolia 'elizabeth'</i>	No
Flowering crabapple	<i>Malus spp.</i>	No
Dawn redwood	<i>Metasequoia glyptostroboides</i>	No

Common name	Scientific name	Native
Sourwood	<i>Oxydendron arboretum</i>	No
Norway spruce	<i>Picea abies</i>	No
Bloodgood london planetree (sycamore, <i>plantanus occidentia</i>)	<i>Platanus acerfolia</i>	No
Japanese cherry	<i>Prunus serrulata</i>	No
Douglas fir	<i>Pseudotsuga menziesii</i>	No
Pin oak	<i>Quercus palustris</i>	No
Scholar tree or japanese pagodatree	<i>Sophora japonica</i>	No
Japanese stewartia	<i>Stewartia pseudocamellia</i>	No
Japanese tree lilac	<i>Syringa reticulata</i>	No
Japanese zelkova	<i>Zelkova serrata</i>	No
Green vase zelkova	<i>Zelkova serrata 'green vase'</i>	No

EXHIBIT B: PROHIBITED TREES AND SHRUBS

Prohibited Species: No trees or shrubs that have been designated a State of New Hampshire Prohibited Species may be planted. The full list can be found at [State of New Hampshire Office of Legislative Services, Administrative Rules s Agr-3800](#) and shall be the main resource. Below is a compilation of the trees and shrubs from that list, current as of 8/6/21.

Prohibited Plant Species		
Scientific name	Synonyms	Common name
<i>Acer platanoides</i> L.	<i>Acer platanoides</i> var. <i>schwedleri</i> Nichols.	Norway maple
<i>Ailanthus altissima</i> (P. Mill.) Swingle	<i>Ailanthus glandulosa</i> Desv.	Tree of heaven
<i>Alnus glutinosa</i> (L.) Gaertn.	<i>Alnus alnus</i> (L.) Britt.; <i>Betula alnus</i> L. var. <i>glutinosa</i> L.	European black alder
<i>Berberis thunbergii</i> DC.		Japanese barberry
<i>Berberis vulgaris</i> L.		European barberry
<i>Celastrus orbiculatus</i> Thunb.		Oriental bittersweet
<i>Elaeagnus umbellata</i> Thunb. var. <i>parvifolia</i> (Royle) Schneid.	<i>Elaeagnus parvifolia</i> Royle	Autumn olive
<i>Euonymus alatus</i> (Thunb.) Sieb.	<i>Celastrus alatus</i> Thunb.	Burning bush
<i>Frangula alnus</i> P. Mill.	<i>Rhamnus frangula</i> L.	Glossy buckthorn
<i>Ligustrum obtusifolium</i> Sieb. & Zucc. var. <i>obtusifolium</i>	<i>Ligustrum obtusifolium</i> var. <i>leiocalyx</i> (Nakai) H. Hara	Blunt-leaved privet
<i>Ligustrum vulgare</i> L.		Common privet
<i>Lonicera japonica</i> Thunb.	<i>Nintooa japonica</i> (Thunb.) Sweet	Japanese honeysuckle
<i>Lonicera maackii</i> (Rupr.) Herder*		Amur honeysuckle*
<i>Lonicera morrowii</i> Gray*		Morrow's honeysuckle*
<i>Lonicera tatarica</i> L.*		Tartarian honeysuckle*
<i>Lonicera ×bella</i> Zabel*	<i>Lonicera morrowii</i> × <i>L. tatarica</i>	Bella honeysuckle*
<i>Lysimachia nummularia</i> L.		Moneywort
<i>Rhamnus cathartica</i> L.		Common buckthorn
<i>Rosa multiflora</i> Thunb. ex Murr.		Multiflora rose

****See page 2 for Plants Recommended for Avoidance****

Recommended for Avoidance: The following list of plants are strongly discouraged for public tree planting is based on a combination of the NH Invasive Plant Species Watch List, developed by the New Hampshire Invasive Species Committee (ISC), as well as additional plants that are discouraged due to their invasive-like growth qualities.

Scientific	Synonyms	Common Name
<i>Acer ginnala</i> Maxim.		Amur maple
<i>Amorpha fruticosa</i> L.	<i>Amorpha fruticosa</i> var. <i>angustifolia</i> Pursh; <i>Amorpha fruticosa</i> var. <i>oblongifolia</i> Palmer; <i>Amorpha fruticosa</i> var. <i>tennesseensis</i> (Shuttlw. ex Kunze) Palmer	False indigo-bush
<i>Bassia scoparia</i> (L.) A.J. Schott	<i>Chenopodium scoparium</i> L.; <i>Kochia scoparia</i> (L.) Schrad.; <i>Kochia scoparia</i> var. <i>pubescens</i> Fenzl; <i>Kochia scoparia</i> var. <i>subvillosa</i> Moq.	Firebush smotherweed
<i>Cytisus scoparius</i> (L.) Link var. <i>scoparius</i>	<i>Spartium scoparium</i> L.	Scotch broom
<i>Elaeagnus angustifolia</i> L.		Russian-olive
<i>Euonymus europaeus</i> L.		European spindle-tree
<i>Euonymus fortunei</i> (Turcz.) Hand.-Mazz	<i>Euonymus fortunei</i> var. <i>radicans</i> (Sieb. ex Miq.) Rehd.; <i>Euonymus fortunei</i> var. <i>vegetus</i> (Rehd.) Rehd.; <i>Euonymus radicans</i> Sieb. ex Miq.; <i>Euonymus radicans</i> Sieb. ex Miq. var. <i>vegetus</i> Rehd.	Climbing spindle-tree
<i>Kalopanax septemlobus</i> (Thunb.) Koidz.	<i>Acanthopanax ricinifolius</i> (Sieb. & Zucc.) Seem.; <i>Kalopanax pictus</i> (Thunb.) Nakai	Castor-aralia
<i>Lespedeza bicolor</i> Turcz.		Two-colored bush-clover
<i>Lonicera xylosteum</i> L.		Fly honeysuckle
<i>Phellodendron amurense</i> Rupr.	<i>Phellodendron amurense</i> var. <i>sachalinense</i> F. Schmidt; <i>Phellodendron japonicum</i> Maxim.; <i>Phellodendron sachalinense</i> (F. Schmidt) Sarg.	Amur corktree
<i>Pinus sylvestris</i> L.		Scotch pine
<i>Populus alba</i> L.	<i>Populus alba</i> L. var. <i>bolleana</i> Lauche	White poplar
<i>Pyrus calleryana</i> ,		Callery/Bradford Pear
<i>Robinia pseudoacacia</i> L.		Black locust
<i>Rosa rugosa</i> Thunb.		Beach rose
<i>Ulmus pumila</i> L.		Siberian elm

Central leader. (See crown observations detail).

Trunk caliper shall meet ANSI Z60 current edition for root ball size.

Root ball modified as required.

Round-topped soil berm 4" high x 8" wide above root ball surface shall be constructed around the root ball. Berm shall begin at root ball periphery.

Existing soil.

Slope sides of loosened soil.

Bottom of root ball rests on existing or recompacted soil.

3x widest dimension of root ball.

SECTION VIEW

Top of root ball shall be flush with finished grade.

Prior to mulching, lightly tamp soil around the root ball in 6" lifts to brace tree. Do not over compact. When the planting hole has been backfilled, pour water around the root ball to settle the soil.

Loosened soil. Dig and turn the soil to reduce compaction to the area and depth shown.

4" layer of mulch. No more than 1" of mulch on top of root ball. (See specifications for mulch).

Finished grade.

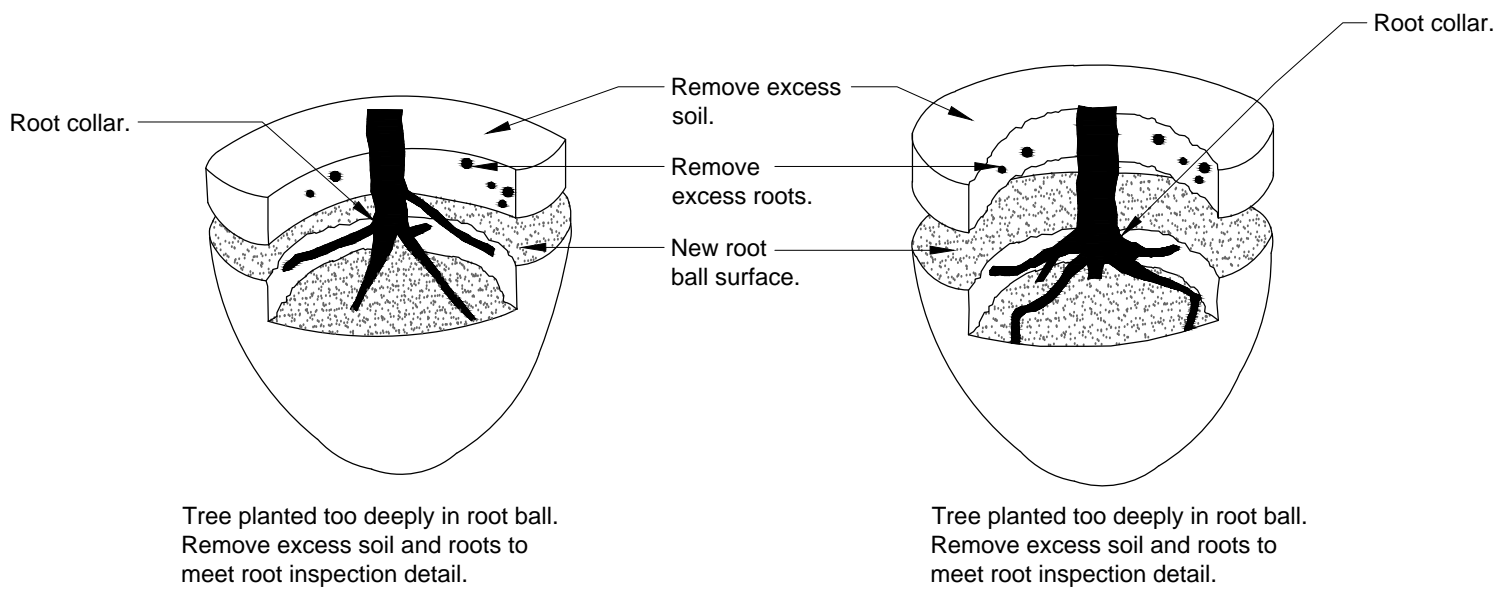
Notes:
1- Trees shall be of quality prescribed in crown observations and root observations details and specifications.

2- See specifications for further requirements related to this detail.

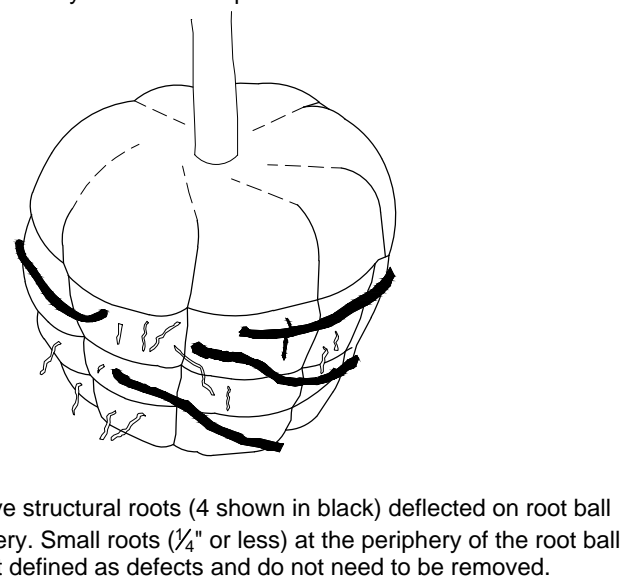
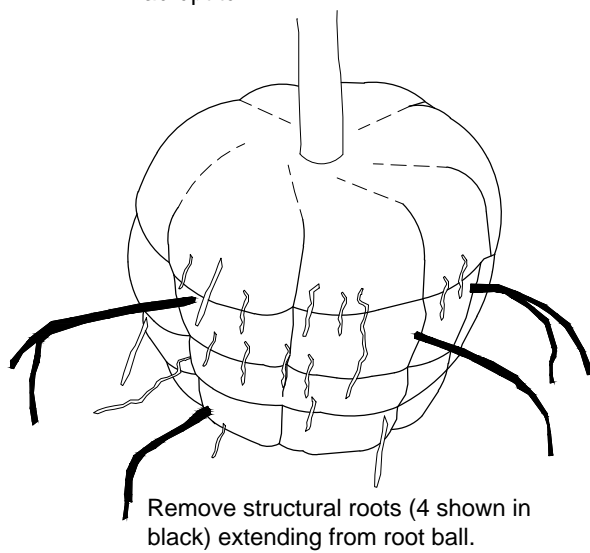
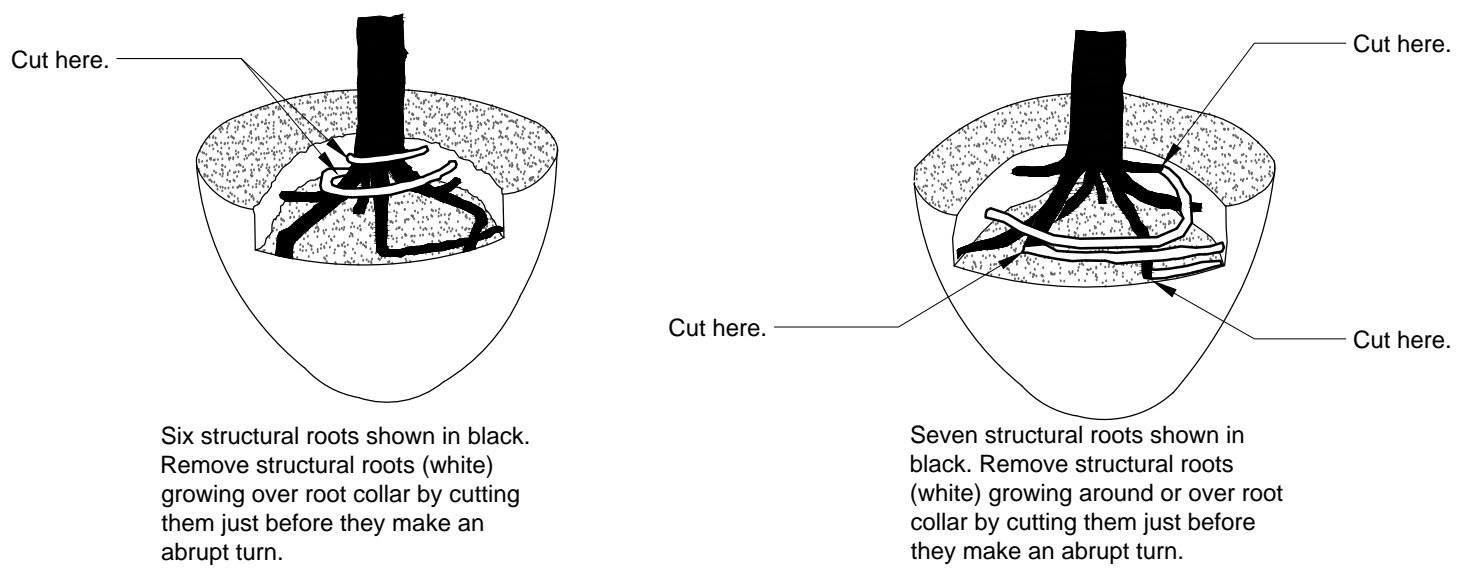
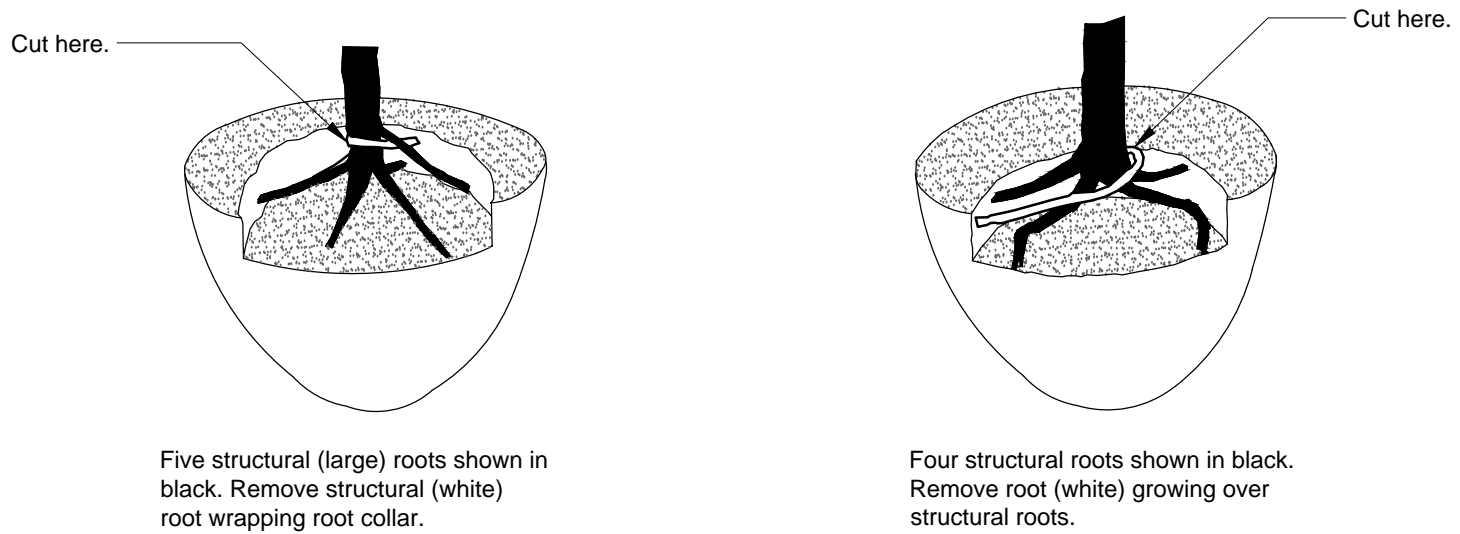


TREE w/ BERM (EXISTING SOIL NOT MODIFIED)

Step 1 - Remove soil and roots over the root collar.



Step 2 - Remove defects.



Notes:

- 1- All trees shown are rejectable unless they undergo recommended correction.
- 2- First step 1, then step 2. Adjust hole depth to allow for the removal of excess soil and roots over the root collar.
- 3- Roots and soil may be removed during the correction process; substrate/soil shall be replaced after the correction has been completed.
- 4- Trees shall pass root observations detail following correction.

EXHIBIT A: APPROVED TREES AND SHRUBS

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Sugar maple	<i>Acer saccharum</i>	Yes
Freeman maple	<i>Acer xfreemanii</i>	Yes
Serviceberry/ juneberry	<i>Amelanchier canadensis</i>	Yes
River birch (single trunk)	<i>Betula nigra</i>	Yes
American hornbeam, ironwood, musclewood	<i>Carpinus caroliniana</i>	Yes
Hackberry	<i>Celtis laevigata</i>	Yes
Common hackberry	<i>Celtis occidentalis</i>	Yes
Pagoda dogwood/alternate leaf dogwood	<i>Cornus alternifolia</i>	Yes
Flowering dogwood	<i>Cornus florida</i>	Yes
Hawthorn	<i>Crataegus macrosperma</i>	Yes
American beech	<i>Fagus grandifolia</i>	Yes
Eastern red cedar	<i>Juniperus virginiana</i>	Yes
Sweetgum	<i>Liquidambar styraciflua</i>	Yes*
Tulip tree or tulip poplar	<i>Liriodendron tulipifera</i>	Yes*
Cucumber magnolia	<i>Magnolia acuminata</i>	Yes*
Black gum or black tupelo	<i>Nyssa sylvatica</i>	Yes
Ironwood	<i>Ostrya virginiana</i>	Yes
White spruce	<i>Picea alba</i>	Yes
Pitch pine	<i>Pinus ridgida</i>	Yes
White pine	<i>Pinus strobus</i>	Yes
American sycamore	<i>Platanus occidentalis</i>	Yes
Pin cherry	<i>Prunus pensylvanica</i>	Yes

Common name	Scientific name	Native
White oak	<i>Quercus alba</i>	Yes
Swamp white oak	<i>Quercus bicolor</i>	Yes
Scarlet oak	<i>Quercus coccinea</i>	Yes
Bur oak	<i>Quercus macrocarpa</i>	Yes
Red oak	<i>Quercus rubra</i>	Yes
Black willow	<i>Salix nigra</i>	Yes
Sassafras	<i>Sassafras albidum</i>	Yes
American mountain ash	<i>Sorbus americana 'dwarfscrown'</i>	Yes
Common baldcypress	<i>Taxodium distichum</i>	Yes*
American linden/basswood	<i>Tilia americana</i>	Yes
American elm	<i>Ulmus americana</i>	Yes
Eastern redbud	<i>Cercis canadensis</i>	No
White fir	<i>Abies concolor</i>	No
Flame amur maple	<i>Acer ginnala 'flame'</i>	No
Paperbark maple	<i>Acer griseum</i>	No
Fort McNair horse chestnut	<i>Aesculus carnea 'fort McNair'</i>	No
European hornbeam	<i>Carpinus betulus</i>	No
Northern catalpa	<i>Catalpa speciosa</i>	No
Yellowwood	<i>Cladrastis kentukea</i>	No
Stellar pink dogwood	<i>Cornus 'stellar pink'</i>	No
Cornelian-cherry dogwood	<i>Cornus mas</i>	No
Gingko	<i>Gingko biloba</i>	No
Honey locust	<i>Gleditsia triacanthos</i>	No
Kentucky coffee tree	<i>Gymnocladus dioicus</i>	No
Elizabeth magnolia	<i>Magnolia 'elizabeth'</i>	No
Flowering crabapple	<i>Malus spp.</i>	No
Dawn redwood	<i>Metasequoia glyptostroboides</i>	No

Common name	Scientific name	Native
Sourwood	<i>Oxydendron arboretum</i>	No
Norway spruce	<i>Picea abies</i>	No
Bloodgood london planetree (sycamore, <i>plantanus occidentia</i>)	<i>Platanus acerfolia</i>	No
Japanese cherry	<i>Prunus serrulata</i>	No
Douglas fir	<i>Pseudotsuga menziesii</i>	No
Pin oak	<i>Quercus palustrus</i>	No
Scholar tree or japanese pagodatree	<i>Sophora japonica</i>	No
Japanese stewartia	<i>Stewartia pseudocamellia</i>	No
Japanese tree lilac	<i>Syringa reticulata</i>	No
Japanese zelkova	<i>Zelkova serrata</i>	No
Green vase zelkova	<i>Zelkova serrata</i> 'green vase'	No

EXHIBIT B: PROHIBITED TREES AND SHRUBS

Prohibited Species: No trees or shrubs that have been designated a State of New Hampshire Prohibited Species may be planted. The full list can be found at [State of New Hampshire Office of Legislative Services, Administrative Rules s Agr-3800](#) and shall be the main resource. Below is a compilation of the trees and shrubs from that list, current as of 8/6/21.

Prohibited Plant Species		
Scientific name	Synonyms	Common name
<i>Acer platanoides</i> L.	<i>Acer platanoides</i> var. <i>schwedleri</i> Nichols.	Norway maple
<i>Ailanthus altissima</i> (P. Mill.) Swingle	<i>Ailanthus glandulosa</i> Desv.	Tree of heaven
<i>Alnus glutinosa</i> (L.) Gaertn.	<i>Alnus alnus</i> (L.) Britt.; <i>Betula alnus</i> L. var. <i>glutinosa</i> L.	European black alder
<i>Berberis thunbergii</i> DC.		Japanese barberry
<i>Berberis vulgaris</i> L.		European barberry
<i>Celastrus orbiculatus</i> Thunb.		Oriental bittersweet
<i>Elaeagnus umbellata</i> Thunb. var. <i>parvifolia</i> (Royle) Schneid.	<i>Elaeagnus parvifolia</i> Royle	Autumn olive
<i>Euonymus alatus</i> (Thunb.) Sieb.	<i>Celastrus alatus</i> Thunb.	Burning bush
<i>Frangula alnus</i> P. Mill.	<i>Rhamnus frangula</i> L.	Glossy buckthorn
<i>Ligustrum obtusifolium</i> Sieb. & Zucc. var. <i>obtusifolium</i>	<i>Ligustrum obtusifolium</i> var. <i>leiocalyx</i> (Nakai) H. Hara	Blunt-leaved privet
<i>Ligustrum vulgare</i> L.		Common privet
<i>Lonicera japonica</i> Thunb.	<i>Nintooa japonica</i> (Thunb.) Sweet	Japanese honeysuckle
<i>Lonicera maackii</i> (Rupr.) Herder*		Amur honeysuckle*
<i>Lonicera morrowii</i> Gray*		Morrow's honeysuckle*
<i>Lonicera tatarica</i> L.*		Tartarian honeysuckle*
<i>Lonicera ×bella</i> Zabel*	<i>Lonicera morrowii</i> × <i>L. tatarica</i>	Bella honeysuckle*
<i>Lysimachia nummularia</i> L.		Moneywort
<i>Rhamnus cathartica</i> L.		Common buckthorn
<i>Rosa multiflora</i> Thunb. ex Murr.		Multiflora rose

****See page 2 for Plants Recommended for Avoidance****

Recommended for Avoidance: The following list of plants are strongly discouraged for public tree planting is based on a combination of the NH Invasive Plant Species Watch List, developed by the New Hampshire Invasive Species Committee (ISC), as well as additional plants that are discouraged due to their invasive-like growth qualities.

Scientific	Synonyms	Common Name
<i>Acer ginnala</i> Maxim.		Amur maple
<i>Amorpha fruticosa</i> L.	<i>Amorpha fruticosa</i> var. <i>angustifolia</i> Pursh; <i>Amorpha fruticosa</i> var. <i>oblongifolia</i> Palmer; <i>Amorpha fruticosa</i> var. <i>tennesseensis</i> (Shuttlw. ex Kunze) Palmer	False indigo-bush
<i>Bassia scoparia</i> (L.) A.J. Schott	<i>Chenopodium scoparium</i> L.; <i>Kochia scoparia</i> (L.) Schrad.; <i>Kochia scoparia</i> var. <i>pubescens</i> Fenzl; <i>Kochia scoparia</i> var. <i>subvillosa</i> Moq.	Firebush smotherweed
<i>Cytisus scoparius</i> (L.) Link var. <i>scoparius</i>	<i>Spartium scoparium</i> L.	Scotch broom
<i>Elaeagnus angustifolia</i> L.		Russian-olive
<i>Euonymus europaeus</i> L.		European spindle-tree
<i>Euonymus fortunei</i> (Turcz.) Hand.-Mazz	<i>Euonymus fortunei</i> var. <i>radicans</i> (Sieb. ex Miq.) Rehd.; <i>Euonymus fortunei</i> var. <i>vegetus</i> (Rehd.) Rehd.; <i>Euonymus radicans</i> Sieb. ex Miq.; <i>Euonymus radicans</i> Sieb. ex Miq. var. <i>vegetus</i> Rehd.	Climbing spindle-tree
<i>Kalopanax septemlobus</i> (Thunb.) Koidz.	<i>Acanthopanax ricinifolius</i> (Sieb. & Zucc.) Seem.; <i>Kalopanax pictus</i> (Thunb.) Nakai	Castor-aralia
<i>Lespedeza bicolor</i> Turcz.		Two-colored bush-clover
<i>Lonicera xylosteum</i> L.		Fly honeysuckle
<i>Phellodendron amurense</i> Rupr.	<i>Phellodendron amurense</i> var. <i>sachalinense</i> F. Schmidt; <i>Phellodendron japonicum</i> Maxim.; <i>Phellodendron sachalinense</i> (F. Schmidt) Sarg.	Amur corktree
<i>Pinus sylvestris</i> L.		Scotch pine
<i>Populus alba</i> L.	<i>Populus alba</i> L. var. <i>bolleana</i> Lauche	White poplar
<i>Pyrus calleryana</i> ,		Callery/Bradford Pear
<i>Robinia pseudoacacia</i> L.		Black locust
<i>Rosa rugosa</i> Thunb.		Beach rose
<i>Ulmus pumila</i> L.		Siberian elm

DRAFT MINUTES (8/11/2021)

**Town of Exeter
EXETER TREE COMMITTEE
August 11, 2021**

I. PRELIMINARIES:

BOARD MEMBERS PRESENT BY ROLL CALL: Eileen Flockhart (Chair), Kevin Breen, Gwen English

STAFF PRESENT BY ROLL CALL: Kristen Murphy, Jay Perkins

II. OLD BUSINESS:

Minutes of July 14, 2021 were approved. (Jay Perkins moved to approve the minutes as written, Kevin Breen seconded the motion. All in favor.)

III. NEW BUSINESS:

Chair Flockhart started the meeting by outlining the time line for the work on the Tree Ordinance, stating that the draft needs to be in Kristen's hands by September 8th for it to be reviewed by the Conservation Commission at their September 14th meeting.

Eileen also indicated that this document should resonate to residents and Town staff. It needs to be a useful document, as well as a document that isn't too cumbersome.

Chair Flockhart proceeds to go through the current draft of the ordinance, starting on page one.

- It is decided that 'Shrubs' should remain throughout in the document.
- Greg Bisson will be asked about submitting language for the Memorial Tree Fund that would be put in place by the Parks and Recreation Dept.
- There was a discussion about the caliper of replacement trees, and the committee determined that the minimum caliper would be between 2" and 2.5". Jay and Kevin were concerned that requiring larger caliper trees (3" or greater) does not necessarily mean that the trees will be healthier.
- Jay would like to eliminate the word "written" on page 5, under Permits/Permission Required.
- The consensus was to change 'his/her', on page 5 and throughout, to Tree Warden "and designee".

- Eileen asked about tree watering systems with replacement trees. Although tree diapers can be, and are used now, systems could change in the future. It is best not to be too specific about tree watering systems in the Ordinance.
- Kevin proposed that a maintenance plan could be laid out.
- There was a good deal of discussion about hazard trees on private property and some rough wording was presented. Gwen will work on fine-tuning that.
- Kristen noted that Exhibit A is a spreadsheet, but maybe **here** we could just have the common names and the scientific names listed. The same would go for Exhibit B. Kristen also suggested changing the wording to: Exhibit A: Approved Trees and Shrubs. Exhibit B: Prohibited Trees and Shrubs.
- There was a question about Scotch pines being trees to avoid, and the committee decided to leave it in that category.
- In discussions about the planting of non-native species, the committee felt that adding the words '*Justification must be provided prior to the selection of a non-native species*' would be desirable.

Kristen asked about the *Drafts for Standards for Proper Planting and Maintenance* that Greg Bisson had sent out. Kevin indicated that he has a few things to add to this, and he will send them to Jay.

Kristen asked Jay if he is seeking additional funding for tree related work, and if so, should the Tree Committee make a recommendation to the Conservation Commission, so that they can, in turn, make a recommendation to the Selectboard that the increase in funding for the tree budget be approved? Jay indicated that he is proposing to increase the tree budget from \$18,000 to \$25,000. Eileen asked if his budget *had* been cut, and Jay responded that it had been cut by 10% (of the \$18,000.00) due to Covid. Kristen proposed that the goal is to adopt this this year, prior to next year's budget, and based on the refinement of those responsibilities and the support of the committee for education, tree planting, etc., this committee feels that the increase is justified. Jay feels he still has work to do to refine this, and to work out the logistics, and would prefer to talk about this more at our next meeting. We will put it on top of the agenda for the next meeting.

Eileen handed out a list for some limited brainstorming ideas which included Eileen's original list, and Kristen's add-ons. Kristen thinks this will make for a great work plan, and we can break it down into short term and long-term projects. (Put it on a time line.) Eileen noted that she forgot to put 'Get in touch with Riverwoods' on the list.

At the next meeting, we will review the ordinance and the responses we get from the Conservation Commission at their meeting on the 14th of September. We will also discuss the work plan/work list.

Kristen indicated that we need hard deadlines for getting everything to the Conservation Commission. Greg, Jay and Kevin can get everything together on time.

Kristen also told the committee that Dave Short will be the representative to the Tree Committee from the Conservation Commission.

The next meeting will be: **September 15, 2021 at 8:30AM**

Meeting adjourned at 10:00AM

Minutes respectfully submitted by Gwen English on 8/16/2021