

CITY OF MARLBOROUGH MEETING POSTING

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CITY OF MARLBOROUGH

Meeting Name: Conservation Commission
Date: June 2, 2022
Time: 7:00 PM
Location: 140 Main St. – Marlborough City Hall – 3rd Floor (Memorial Hall)

2022 MAY 27 P 2:13

ALL MEETINGS ARE IN PERSON AT CITY HALL

Mask Advisory-Marlborough Board of Health advises all community members to wear a face-covering when indoors in crowded areas and/or if you are at high risk of severe COVID-19 disease

Acceptance of minutes: May 5, 2022

Public hearings:

- 7:00 PM **Request for Determination of Applicability (continued from May 19th)**
204 Farm Rd. - Rich Deals, LLC
Proposes to do landscaping next to a brook.
- 7:10 **Request for Determination of Applicability (continued from May 5th)**
55 Clinton St. – Carlos Costa
Proposes to resurface the existing driveway, add a new deck, and establish a lawn in the side yard near wetlands.
- 7:20 **Notice of Intent (continued from May 19th-review draft conditions)**
192 Robin Hill St. - Hillside School
Proposes to construct a new elementary school with associated parking, drainage, and landscaping near wetlands.

Certificate of Compliance:

- **DEP 212-1231** - 99 Lakeshore Dr. -

Discussion:

- **541 Pleasant St.** – violation follow up
- **Hager Pond Dam** – Div. Dam Safety follow up
- **Buffer zone restoration guideline - Review** documents from Weston and Stow on buffer zone restoration and invasive plant removal to determine best approach to use in Marlborough.

Project Updates/Correspondence/Other Business

- Ft. Meadow Lake Treatment Letter – June 6, 2022, treatment date
- 2022 Yearly Operational Plan – CSX Railroad Right of Way Management
- Marlborough DPW – 2022 Right of Way application notification.

Next Conservation Commission meetings: June 16th and July 7, 2022

Adjournment

The listing of topics that the chair reasonably anticipates will be discussed at the meeting is not intended as a guarantee of the topics that will have been discussed. Not all topics listed may in fact be discussed, and other topics not listed may also be brought up for discussion to the extent permitted by law.

CONSERVATION COMMISSION

Minutes

DRAFT

May 5, 2022(Thursday)

Marlborough City Hall – 3rd Floor, Memorial Hall

7:00 PM

Present: Edward Clancy-Chairman, John Skarin; Allan White, David Williams, Karin Paquin, William Dunbar and Dennis Demers. Priscilla Ryder - Conservation Officer was also present.

Absent: none

Approval of Minutes: The minutes of April 26, 2022, were reviewed and on a motion by Mr. White second by Chairman, to approve, the commission voted unanimously 7-0.

Violations:

- Letter to Alexandre Sampaio – RE: Follow up on Wetland Violation – 541 Pleasant St. –
Mr. Sampaio was present, and he apologized for not appearing at the last meeting there was a mix up. He explained that would like to just replant trees and not do the full plan as previously discussed. Ms. Ryder noted that she and Mr. White, Mr. Dunbar and Ms. Paquin had inspected the site and found the existing wetland flags which appear to be accurate. The tree clearing violation was extensive and did impact a wetland area in the back. Ms. Ryder explained that per the legal office the commission has two options, to require the owner to restore what was disturbed to correct the violation, or file for a permit with a plan showing what was disturbed, what additional work is to be done and include a restoration plan for the area cleared within the 30-buffer zone. The Commission members noted that it has been 2 years since Mr. Sampaio initially cleared the buffer zone and wetland area and the Commission has been patient in trying to work with him to restore the area. They noted that during the site walk they found shoots from tree stumps that had been cut down, which should have been allowed to resprout and were disappointed because these new sprouts could have replaced trees that otherwise would need to be planted. After extensive discussion the commission determined that Mr. Sampaio needed to provide a plan to the commission which includes counting the number of stumps that are 5" in diameter or larger that were originally removed two years go. Then based on that number, provide a reasonable planting plan to replace and restore this area. Ms. Ryder was asked to provide the Buffer zone Guidelines from Weston as a good example of trees that can be planted etc. Once a plan is provided the Commission will review and determine whether the planting plan is reasonable and will restore the area. The Commission will look forward to seeing a plan at the May 19 or June 2nd meeting. Mr. Sampaio thanks the commission for their consideration and will return with this information.

Public hearings:

Notice of Intent (continued from 4/21/2022)

74 & 82 Paquin Dr. – Scott Ferrecchia

Mr. Robert Parente P.E. and Mr. Scott Ferrecchia owner, were both present. Mr. Parente explained that based on the site visit he has revised the plans and pulled the wall away from the water and shortened the wall. He has also removed any work for 74 Paquin Dr. so the permit should only pertain to 82 Paquin Dr. He showed a picture of the water level that afternoon which is below the stakes. Ms. Ryder noted that as discussed in the field the wall as

shown will be located where the existing slope used to be and no filling of the land under water is now proposed. It was agreed that this new plan was acceptable and met the requirements that have been discussed. There being no further discussion the hearing was closed. Ms. Ryder was asked to draft a set of conditions for review at the next meeting on May 19, 2022.

Request for Determination of Applicability

55 Clinton St. – Carlos Costa

Proposes to resurface the existing driveway, add a new deck, and establish a lawn in the side yard near wetlands. The applicant did not show for this hearing, so the meeting was continued to the May 19th meeting and Ms. Ryder was asked to reach out to applicant to be sure he will attend.

Request for Determination of Applicability (continued from 4/21/2022)

283 – 325 Lincoln St. - ALTA Marlborough LLC

Phil Cordero from Allen and Major was present to represent the Applicant Wood Partners. He noted that the Commission held a site visit one week ago to check out the site. Ms. Ryder noted that several commission members attended and reviewed the area noting that the channel appears man-made lined with stone, the banks are covered with the invasive Japanese Knotweed and there is a tree cover of mixed tree types. As shown on the GIS maps and as observed in the field, this area is collecting drainage water from several areas, it is held here then continues to drain into the city drainage system. Chairman Clancy noted that this area has been degraded for many years as part of the old train yard, and it has always had drainage and water issues. Flooding of the area has occurred when the pipes have not been maintained so that needs to be part of any future design. Mr. Dunbar noted that there is a drainpipe under the building, and he wanted to be sure that was known. Mr. Cordero noted that it is on the plan. After some discussion it was determined that based on the site visit, this area does not function or meet the wetland criteria and is only to be considered a drainage area. However, the commission wanted to be sure the City Engineer is aware of the flooding and drainage issues of this area to be sure they are incorporated into any future designs. There being no further discussion the hearing was closed. On a motion by Mr. White, second by Chairman Clancy to issue a negative determination noting there are no wetlands on the site, the Commission voted unanimously 7-0 to approve the motion.

Notice of Intent

192 Robin Hill St. - Hillside School

Chris Anderson of Hannagan Engineering was present representing Hillside School. He explained that the school would like to install, and elementary school building where had been located before it burned in 2020. This would be a day program only. The design includes a driveway, building, raingarden, detention basin and parking. The wetlands were delineated last fall and this spring by Caron Env. The plan respects the 30' wetland buffer zone. Ms. Ryder noted that she has checked the delineation and several flags were missing but none that would affect the design. She noted several areas where some flags could be eliminated to enlarge the wetland. She will provide these changes to Mr. Anderson. The commission asked about snow storage, maintenance of the rain garden which should be included in the stormwater operation and maintenance plan to be provided. The Commission asked about the sizing of the basins and other mitigation measures. The Commission asked Mr. Anderson to adjust the wetland line on the plans and include any changes he's waiting for from the City Engineer and provide this at the next meeting on May 19th. The hearing was continued to May 19th and the Commission asked Ms. Ryder to draft a set of conditions for review then as well.

Notice of Intent – Amend (continued from 4/21/2022)

322 Hayes Memorial Dr. (Lot L) - Marlborough/Northborough Land Realty Trust (amend Order of Conditions 212-1229)

Mr. William Park and Mr. Jesse O'Donnell from SMMA, Mr. Dan Dedinsky and Israel Lopez from Gutierrez Co. were present. Mr. O'Donnell & Mr. Park explained that they have made some changes to the plans based on comments from the last meeting and he went over the changes as shown, including snow storage, O&M plan, details on the sewer construction and pump bypass system and how this will be connected, how dewatering will be done, and access path for future maintenance needed. Mr. Dedinsky explained the erosion control and construction sequencing to be done, temporary basins to be used, invasive plant removal, wash stations. He noted that he has been providing the weekly reports for 149 Hayes Memorial Dr. and has learned many lessons from that site, which should allow this site to run much more smoothly.

There was discussion about the sewer pipe and how the old one would be abandoned. When there was no further discussion, the hearing was closed. Ms. Ryder was asked to draft a set of amended conditions for the next meeting for review.

Notice of Intent (continued from 4/21/2022)

630 and 686 Forest St. -- Yellow Brick, LLC

Mr. David Cowell from Hancock Engineering was present and representing the owner Steve Turner. He explained the changes made to the plan-based on <https://tinyurl.com/yxfj6gpdn> the last meeting including storage locations, catch basin protections, erosion controls. He noted that the project is proceeding, and the downstream headwall has been placed and stabilized with rip rap. Pumping around the project has worked well and continues to be adequate. He had provided a summary of the downstream impacts which occurred when the project was started and noted that a significant amount of sediments are visible downstream, with the thickest 18" just below the headwall. Ms. Ryder and Ms. Paquin had walked the site and noted that the sediment can be traced down to the first stone wall and they suggested that the silt within the stream channel from the headwall to the stonewall be removed. It is very fine silt and is easily resuspended and should be removed to improve downstream water quality and stream health. Mr. Cowell noted that this would be removed by hand with shovels and buckets. The Commission asked that this be done as soon as possible before the vegetation gets too thick. Mr. Cowell will convey and see that this is done soon. The cleared slope still needs to be planted, Mr. Cowell will provide a planting plan for this area at the next meeting, which should be the last item required for this project. The Commission agreed and continued the hearing to the May 19th meeting. Ms. Ryder was asked to draft a set of conditions for review at that meeting as well.

Project Updates/Correspondence/Other Business- The following correspondence was reviewed, and the Commission unanimously voted to accept and place on file.

- 212-1229 2022 Wetland Restoration Monitoring Report Parcel L Hayes Memorial Dr.
- Letter to Rick Borden – RE: Wetland violation-Martin Angelo Dr. from 100 Campus Dr. garage-Marlborough, dated 4/20/2022
- Letter to Jim Orlando – RE: Stormwater & wetland violation notice – fine \$300 – 96 Crowley Dr.

Next Conservation Commission meetings: May 19th and June 2nd, 2022

Adjournment- there being no further business on a motion by Mr. White second by Chairman, the meeting was adjourned with a unanimous vote of 7-0 at -9:33 PM.

Respectfully submitted,

Priscilla Ryder
Conservation/Sustainability office



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
WPA Form 8A – Request for Certificate of Compliance
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

Provided by DEP

A. Project Information

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Upon completion of the work authorized in an Order of Conditions, the property owner must request a Certificate of Compliance from the issuing authority stating that the work or portion of the work has been satisfactorily completed.

1. This request is being made by:

Dave's Landscape Mgmt. Co.

 Name
 469 River Rd Ste 12

 Mailing Address
 Hudson MA 01749

 City/Town State Zip Code
 978-562-9591 x109 (Tom)

 Phone Number

2. This request is in reference to work regulated by a final Order of Conditions issued to:

Dave's Landscape Mgmt. Co.

 Applicant
 11/10/2020 212-1231

 Dated DEP File Number

3. The project site is located at:

99 Lakeshore Dr Marlborough
 Street Address City/Town
 Map 17 Parcel 25
 Assessors Map/Plat Number Parcel/Lot Number

4. The final Order of Conditions was recorded at the Registry of Deeds for:

James R. Buszkiewicz
 Property Owner (if different)
 South Middlesex 76280 164
 County Book Page
 n/a
 Certificate (if registered land)

5. This request is for certification that (check one):
 - the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.
 - the following portions of the work regulated by the above-referenced Order of Conditions have been satisfactorily completed (use additional paper if necessary).

 - the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 8A – Request for Certificate of Compliance
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number: _____

Provided by DEP

A. Project Information (cont.)

6. Did the Order of Conditions for this project, or the portion of the project subject to this request, contain an approval of any plans stamped by a registered professional engineer, architect, landscape architect, or land surveyor?

Yes If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.

No

B. Submittal Requirements

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see <http://www.mass.gov/eea/agencies/massdep/about/contacts/find-the-massdep-regional-office-for-your-city-or-town.html>).

Priscilla Ryder

From: Alexandre Sampaio <aaccsampaio@yahoo.com>
Sent: Thursday, May 26, 2022 9:27 PM
To: Priscilla Ryder
Cc: irishclanc; wfdunbar; karinmpaquin; Susan Brown
Subject: Re: Buffer zone and wetland replanting.

Hi Priscilla,

First of all, thank you for put at first at meeting.

I feel sick all the time now.

I found 27 trees that were cut. 6 or 7 of them were down already. There are at least 6 down. But, I will never touch anything in this yard anymore.

At my status quo, I don't have money for anything. I was wondering if there is anything else beside of have to spend money that I don't have to eliminate this problem.

Once again, I am very sorry to have touch these trees. I wish I hadn't come to live here. I am sorry. If I sale thus house now, it maybe no money left for me to go someplace else.

Please let me know.

Thank you,
Alexandre

Sent from my iPhone

On May 26, 2022, at 5:33 PM, Priscilla Ryder <pryder@marlborough-ma.gov> wrote:

Hi Alexandre,

I'll be sending out information to the Commission for the June 2nd meeting tomorrow. Do you have the information outlined below? If so can you provide it to me by e-mail tomorrow so I can include in the mailing.

If not, please provide to me prior to the June 2nd meeting so the Commission can review.

Thanks for your cooperation.

Priscilla Ryder

Conservation/ Sustainability Officer

140 Main St., City Hall, Marlborough, MA 01752 tel: 508-460-3768

"Whenever there's a large spill of solar energy, it's just called a nice day" northern sun

From: Priscilla Ryder
Sent: Tuesday, May 17, 2022 4:12 PM
To: Alexandre Sampaio <aaccsampaio@yahoo.com>
Cc: Ed Clancy <irishclanc@verizon.net>; William Dunbar <wfdunbar@icloud.com>; karin paquin <karinmpaquin@gmail.com>
Subject: Buffer zone and wetland replanting.

Hi Alexandre

As was discussed at the Conservation Commission meeting on May 5, 2022 you are required to take the following steps:

1. Count the number of stumps on your property from the cutting you did 2 years ago. You should count all stumps that are 5" or more in diameter. Please see the change from the 2019 GIS map <https://tinyurl.com/yyyy58h4> to the 2021 map, <https://tinyurl.com/yxfj6gpd> to visualize the amount of trees removed. Once you have that number you will provide that to the Commission in a letter with the following information.
2. A planting plan that will restore this area so it can return to being woods. This link provides you with some guidance on the types of trees that can be used to replace what was cut. [Manual \(weston.org\)](#). The Commission will review the plan you provide and determine if what you have proposed is sufficient or if additional trees and shrubs need to be added.
3. Because planting season is passing us, you will be required to plant trees between Sept. 1 and Oct. 15, 2022 based on the planting plan approved by the Commission. The commission will dictate the plant types and size to be replanted.

Please have this information available on or before the June 2, 2022 meeting so it can be discussed at this meeting.

If you have any questions on the above, please let me know.

Priscilla Ryder
Conservation/ Sustainability Officer
140 Main St., City Hall
Marlborough, MA 01752
508-460-3768

"Whenever there's a large spill of solar energy, it's just called a nice day" northern sun



**Town of Stow Conservation Commission
Pilot Japanese Knotweed Control Program
Application Form and Instructions**

The Stow Conservation Department has approved a townwide Order of Conditions for a pilot program permitting small-scale Japanese Knotweed control efforts by landowners, where knotweed patches are located in areas subject to the jurisdiction of the Stow Conservation Commission. The goal of this effort is to encourage landowners to undertake projects with review and oversight so as to ensure protection of the interests of the Wetlands Protection Act and Town of Stow Wetlands Protection Bylaw.

Japanese knotweed (*Fallopia japonica*) is a highly aggressive invasive species that forms dense monocultures and adversely affects native plant communities. There is also strong circumstantial evidence that knotweed in stream environments increases susceptibility to bank destabilization and streambank erosion.

This permit authorizes administrative review and approval of specific Knotweed removal projects by landowners so long as the following special conditions are met. If these conditions are not met, the landowner would be required to file a separate Request for Determination of Applicability or Notice of Intent and undergo a full review by the Commission.

- 1) Work may not be located within Priority/Estimated Habitat for Rare Species (if it is, a separate MESA filing may be required) – this is a relatively small portion of Stow (see map).
- 2) All herbicides used must be applied in accordance with labeled instructions and be safe for use in and near aquatic environments (e.g. Rodeo instead of RoundUp). No foliar spraying may be conducted within 100' of vernal pools (see map). In other areas, best efforts should be made to minimize foliar spraying so as to avoid contact with other species. All herbicide application must be made either by the property owner or a licensed pesticide applicator. Herbicide treatment of Knotweed may only be conducted from July through October.
- 3) All plant material cut or removed must be burned or disposed of properly and in a manner that prevents regrowth and/or dispersal of Knotweed to new areas.
- 4) Excavation of soils is not permitted without an individual permit, with the exception of tilling of soil to break up Knotweed rhizomes. If bare patches of soil are created by removal of plants then erosion controls (straw wattle) must be installed prior to work and maintained until the area is revegetated, then removed.

5) Advance written notice for each knotweed removal project must be provided to the Conservation Department, including a sketch map and photos of the area to be treated, a brief narrative describing the methods of treatment proposed, and the proposed replanting (which must be native shrubs and trees and not lawn if within 35' of the wetland). The method of disposal of vegetative materials must also be addressed. The corners of the area to be treated shall be staked in the field. Each project should include at least five years of monitoring for knotweed regrowth.

6) A variety of treatment methodologies may be used individually or in combination under this permit. These include:

- a. Stem Inject
- b. Foliar Spray
- c. Till +spray
- d. Cut 3-5x over summer on 2-3 week cycle, spray
- e. Graze, no chemicals, following year, one of the chemical methods
- f. Vinegar concentrate, or other "organic" method. A longer-term commitment may be required for treatment
- g. Hand cutting and removal. A longer-term commitment may be required for treatment.

7) No more than 5,000 square feet of resource areas (wetlands, floodplain) or 50 linear feet of bank work may be approved under this permit. Revegetation with native species will be required.

8) Knotweed projects are approved by the Conservation Department in accordance with the Conservation Commission's Minor Project Approval Policy, which requires a site visit and notification to the Commission. Staff has the discretion to condition projects or to reject projects that are large and complicated, located in sensitive areas, or which, in their opinion, require a more detailed review by the Conservation Commission as a separate application. Staff may also limit the geographic extent of treatment or removal in any given calendar year.

9) The Commission will review this program and any lessons learned after three years and decide whether it is advancing the goals or whether it should be modified or eliminated. It is a pilot program and is not be applicable to other invasive species at this time. The results of this evaluation will also be provided to the Department of Environmental Protection.

5/2017

Town of Stow

Conservation Commission

380 Great Road
Stow, Massachusetts 01775
(978) 897-8615
FAX (978) 897-4534
conservation@stow-ma.gov



Japanese Knotweed Removal Application

Date: _____ Assessors Map/Lot: _____

Applicant: _____

Owner (if different): _____

Address: _____ Phone: _____

Email Address: _____

Project Scope:

Approx. Timeframe for Proposed Work (Start/end date): _____

Approx. Total SF of Knotweed Patch: _____ SF Proposed for Removal: _____

Approx. Distance to Wetland at Closest Point: _____

Proposed Method(s) of Knotweed Removal (check all that apply and provide narrative):

- | | |
|---|---|
| <input type="checkbox"/> Herbicide – Cut and Treat | <input type="checkbox"/> Mowing |
| <input type="checkbox"/> Herbicide – Stem Injection | <input type="checkbox"/> Grubbing/Tilling of Rhizomes |
| <input type="checkbox"/> Herbicide – Foliar Spray | <input type="checkbox"/> Grazing |
| <input type="checkbox"/> Herbicide – Glove Wiping | <input type="checkbox"/> Hand Cutting and Removal |
| <input type="checkbox"/> Other (Describe): _____ | |

Proposed Method of Disposal for Knotweed Plants: _____

Proposed Replanting: _____

- Sketch map of Knotweed Removal area and photographs attached
- The corners of the area to be treated have been staked in the field.
- I authorize the Conservation Commission to conduct site visits to evaluate and/or monitor this knotweed removal project
- I certify that all herbicides used for knotweed removal will be applied by the owner and/or a licensed herbicide applicator.

Applicant's Signature: _____ Date: _____

Owner's Signature (if different): _____ Date: _____

**For Stow Conservation Commission Use:
Knotweed Removal Authorization**

Applicant: _____ Address: _____ Map/Lot: _____

Approval Conditions:

1. Work is not permitted within Priority/Estimated Habitat for Rare Species.
2. All herbicides shall be applied in accordance with labeled instructions and be safe for use in and near aquatic environments (e.g. Rodeo instead of Round up) and in accordance with the requirements of the Massachusetts Pesticide Control Act. No foliar spraying may be conducted within 100' of vernal pools. In other areas, best efforts should be made to minimize foliar spraying so as to avoid contact with other species. Any herbicide application shall be made either by the property owner or a licensed pesticide applicator. Herbicide treatment of Knotweed shall only be conducted from July through October. **The Commission urges caution in the use of any herbicide to minimize health and ecological risks.**

3. All plant material cut or removed must be burned or disposed of properly and in a manner that prevents regrowth and/or dispersal of knotweed to new areas.

Disposal Requirements: _____

4. Excavation of soils is not permitted without an individual permit, with the exception of tilling of soil to break up knotweed rhizomes. If bare patches of soil are created by removal of plants then erosion controls (straw wattle) shall be installed prior to work and maintained until the area is revegetated, then removed.

Erosion Control Requirements: _____

5. Only native shrubs and trees may be planted within 35' of the wetland, no new lawn is permitted to be planted within the 35' no disturb buffer. The corners of the area to be treated shall be staked in the field. Each project should include at least five years of monitoring for knotweed regrowth.

Planting and Monitoring Requirements: _____

6. Treatment methodologies approved:

- Stem Injection
- Foliar Spray
- Till + Spray
- Cut 3-5x over summer on 2-3 week cycle, spray
- Graze, no chemicals, following year, one of the chemical methods
- Vinegar concentrate, or other "organic" method.
- Hand cutting and removal.

7. No more than 5,000 square feet of resource area alteration (wetlands, floodplain) or 50 linear feet of bank work shall be approved on any single property under this permit. Revegetation with native species will be required.

Limitations on Extent of Work (if any): _____

8. A Stow Conservation Commissioner, agent of the Commission or the Department of Environmental Protection reserves the **right to enter and inspect the property at all reasonable times**, to evaluate and/or monitor the knotweed removal project, compliance with these conditions and to require submittal of any data deemed necessary by the Commission for that evaluation. Further, work shall be halted on the site if the Commissioner, agent or DEP determines that any of the work is not in compliance with this Order. Work shall not resume until the Commission is satisfied that the work will comply, and has so notified the applicant in writing.

9. All work shall be performed in accordance with the Minor Project Approval or as specified in this Order of Conditions. Any deviation from the Minor Project Approval shall require prior approval from the Stow Conservation Commission. This may require a separate Request for Determination of Applicability or Notice of Intent and undergo a full review by the Commission.

10. No filling of land beyond the limits or above the grades on the submitted plans is authorized.

11. The areas of tilling shall remain in a stable condition at the close of each treatment day. Erosion controls shall be inspected at this time, and repaired or reinforced or replaced as necessary.

12. If disturbed areas are not permanently stabilized by the end of the growing season, the owner must monitor the area and install or repair erosion controls to protect the resource area.

13. There shall be no outside storage of herbicide, or other potentially hazardous materials within the 35 foot buffer.

14. All waste and excavated material shall be disposed of in accordance with applicable laws. Any soil containing knotweed rhizomes shall be considered contaminated and disposed of appropriately.

15. All fill material brought onto the site shall be clean fill and reasonably free of invasive species.

16. Additional Conditions (if any): _____

- Date of Site Visit: _____ Confirmed Not in Rare Species Habitat Vernal Pool
 Approved as Conditioned Above
 Denied, filing an individual project application with the Conservation Commission is required.

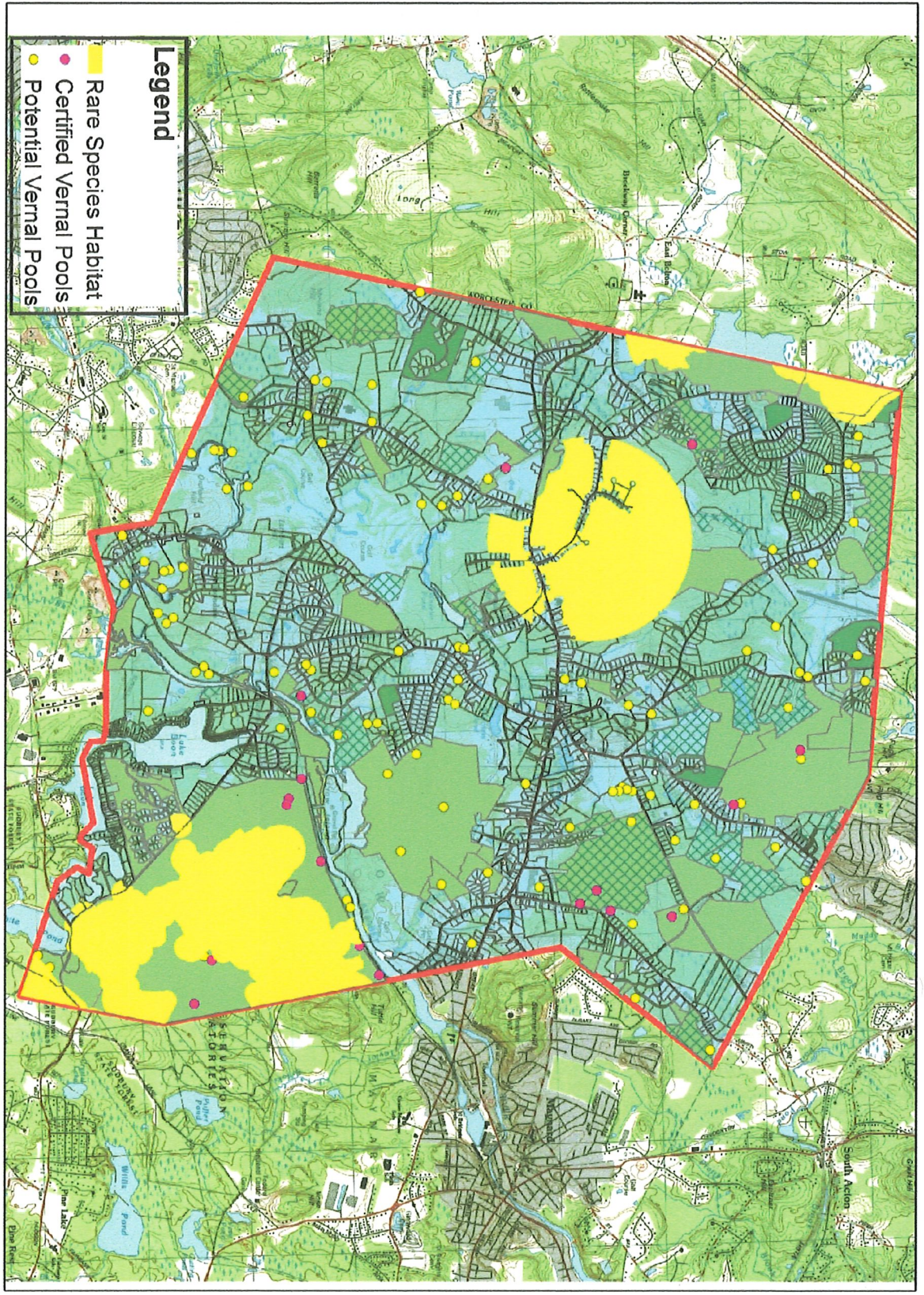
Approved by: _____

Date: _____

Treatment Expiration Date: _____



Stow Knotweed Pilot Project Area





Fort Meadow Commission

C/o Marlborough Conservation Commission
140 Main Street
Marlborough, Massachusetts 01752
Tel. (508) 460-3768 Facsimile (508) 460-3700

May 26, 2022

Dear Abutter to Ft. Meadow Reservoir,

RE: Herbicide Treatment of Ft. Meadow Reservoir **Monday June 6, 2022**

Please be aware that portions of Ft. Meadow Reservoir, located in Marlborough and Hudson, will be treated on Monday June 6, 2022, by Solitude Lake Management to control Eurasian water milfoil, and variable watermilfoil and Fanwort. These species of plants are invasive, non-native weeds that, if not controlled, will spread, and grow rapidly and choke the lake making boating, swimming, and fishing difficult. The hatched area shown on the attached map is the area where spot treatment will occur. This poster will be posted at all entrances to the lake and all beaches.

The areas shown on the map will be spot treated with an herbicide called Reward (active ingredient diquat) to specifically control the water milfoil. An herbicide called flumioxazin will be used to treat the Fanwort. This spot treatment will not adversely affect the native plants that are important to a healthy lake. The lake is monitored annually, and spot treated annually or as needed to help keep these weeds under control.

The lake water use will be restricted within the three basin areas noted ON THE ATTACHED map as follows beginning on the day of treatment.

1. We request **that no boating or swimming take place on Monday June 6, 2022**, the day of application to allow maximum contact of the herbicide with the weeds. This restriction is for the entire lake! (There is no harm in swimming or fishing the day of application, but to maximize effectiveness we prefer you refrain). You may resume boating and swimming on **Tuesday June 7, 2022**.
2. **No watering of livestock** (including pets) until **Tuesday June 7, 2022**.
3. **No drinking or cooking** with lake water until **Thursday June 9, 2022**.
4. **No irrigation with lake water** until **Saturday June 11, 2022**, as the herbicide may harm your lawn and plants.

Once treatment is completed, lake users should do their part by checking boats and trailers for weeds when taking boats in and out of the water. This will ensure that we are not reintroducing the weeds from other lakes into Ft. Meadow Reservoir and vice versa. The lake also contains the invasive Asian clam which can be spread from lake to lake as well. Please check boats and boat trailers for hitchhiker weeds and remove them. Please wash your boats and empty bate/fish wells and bilge to make sure weed pieces, seeds and microscopic clams are not being spread to other lakes. See attached brochure for other ways residents can keep the lake weed-free.

Please review the following resources to learn more about how you can protect the lake and ensure good water quality. The Ft. Meadow Commission will soon have a web page on the city's web site and the following information will be posted there as well. Buffer Zone benefits flier: <https://tinyurl.com/mprctpj2>
Marlborough Tree Cutting Policy near wetlands: <https://tinyurl.com/m5d84vfa>

If you need any additional information, please feel free to contact the Marlborough Conservation Commission at (508) 460-3768; Hudson Conservation Commission at 978-562-2948 or Solitude Lake Management at 866-480-1271

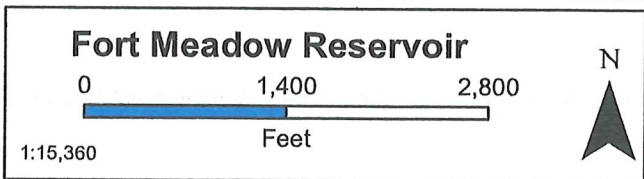
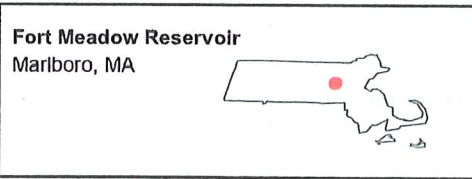
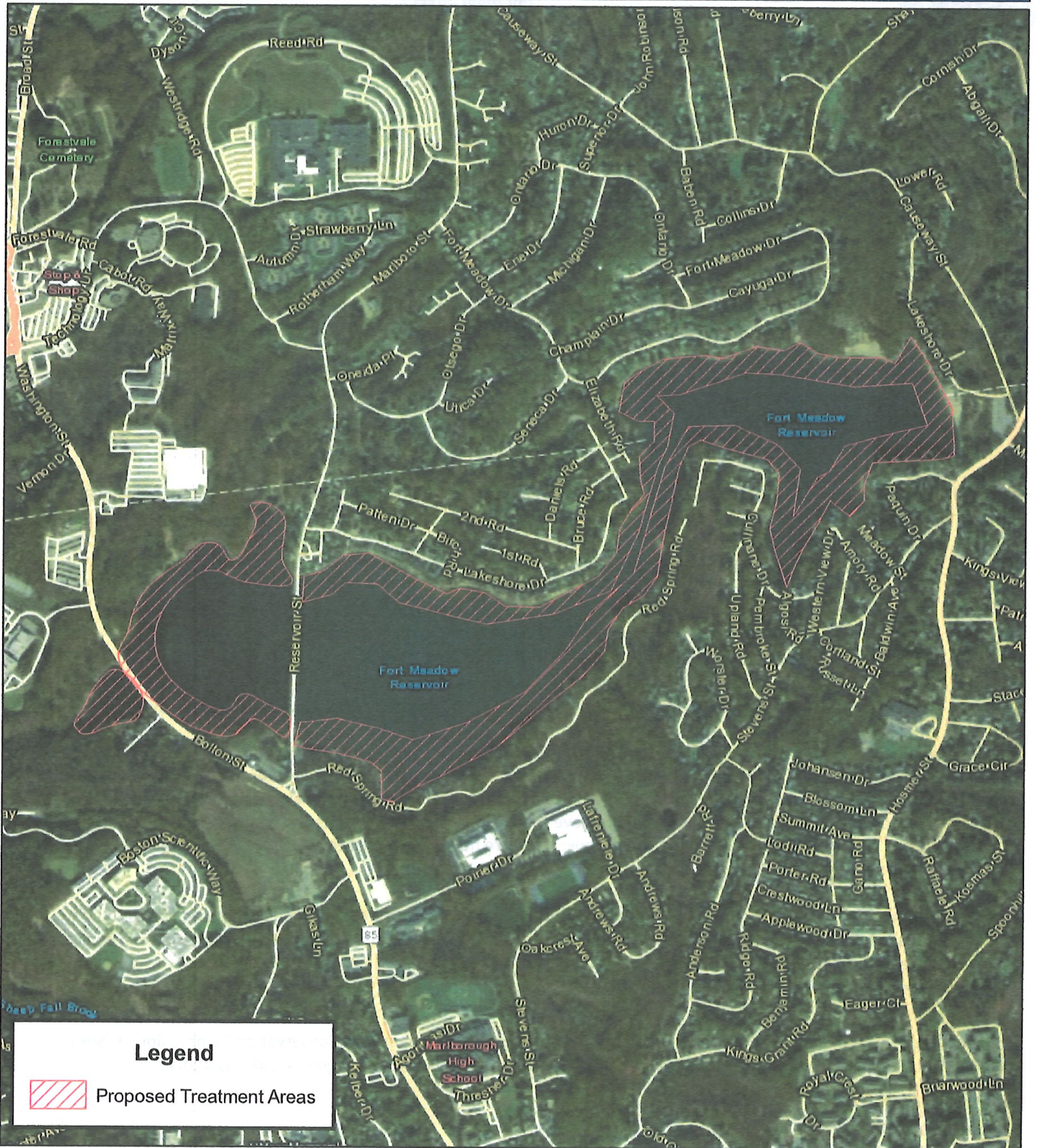
Sincerely,

Lee Thomson

Chairman

e-mail: Mayor; City Council; Hudson Town Manager, Selectmen; Hudson and Marlborough Con. Com.

FIGURE 2: Proposed Treatment Areas



Prepared by: KV
Office: SHREWSBURY, MA

How can you help?



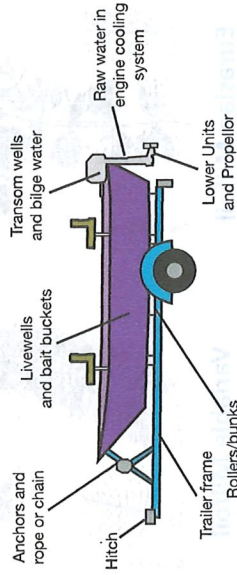
Michele Robinson DCR

- Remove all plants and animals from your boat motor, trailer, anchors, fishing gear, and dive gear and dispose of them on dry land, well away from the water or in a trash can.
- Flush engines and dispose of livewell, bait bucket, and cooling water away from the shore after each use.
- Never release any plant or animal into a body of water unless it came out of that body of water.
- Never empty aquariums into a waterbody.
- Inspect and wash your boat, preferably with hot water, and allow it to completely dry before entering another body of water.
- Request a free sign for your boat ramp.
- Familiarize yourself with invasive species by requesting one of our free guides.
- Join the Massachusetts Weed Watchers Program and help identify and report new infestations.

Waterfowl Project | Summer 2008

Remember:

Always remove all plant and animal fragments from your boat, trailer and gear. Dispose of livewell, bait bucket, and cooling water well away from the shore.



redrawn from Iowa DNR



Ladd Johnson (NOAA)

Aquatic plants caught on boat trailer.



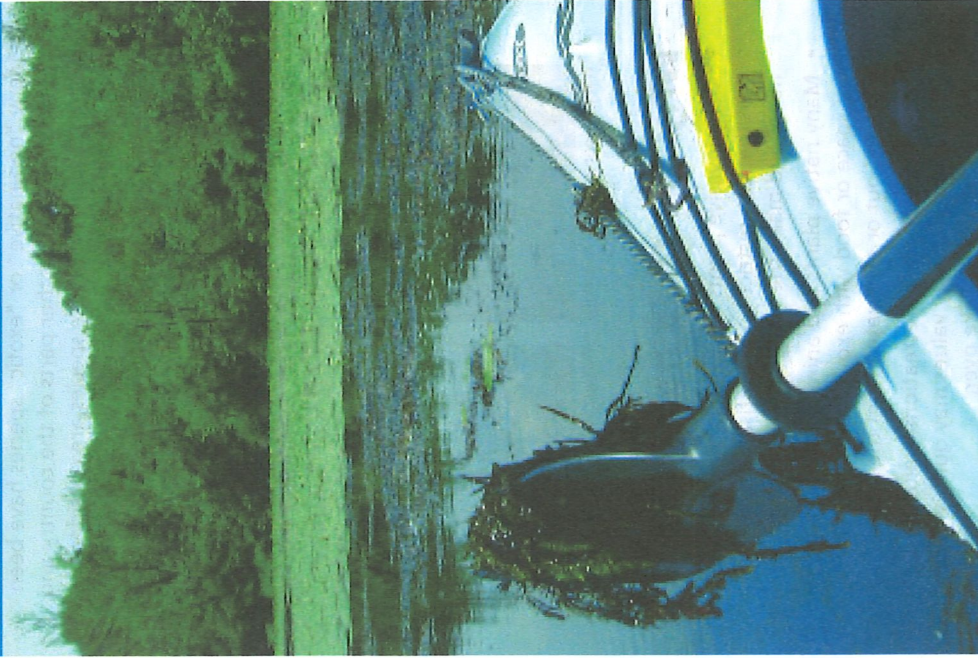
STOP AQUATIC HITCHHIKERS!

Prevent the transport of nuisance species.
Clean all recreational equipment.
www.ProtectYourWaters.net

To prevent the spread of Didymo (an invasive algae) and other invasive organisms, check, clean and dry all gear. Soak felt soled waders in hot soapy water for 30 minutes and allow to completely dry.

Printed 2008

Lakes and Ponds Program



Prevent the spread of invasive species

ATTENTION BOATERS!

DCR Lakes and Ponds Program
251 Causeway Street, Suite 600
Boston, MA 02114
617-626-1411
www.mass.gov/lakesandponds

What are invasive species?

Our lakes contain a wide variety of native plants and animals that are essential to a healthy lake ecosystem. These native species originated here in New England and are well adapted to our climate and to the other species that live here. However, many "non-native" or "exotic" species have been brought here from other parts of the country and the world. Some of these species are considered "invasive" because they are able to dominate or significantly alter an area's ecology. Once established, they continue to spread to additional locations by hitching rides on boats, trailers, gear, and in bait buckets.

When invasive species enter a water body, they can have a devastating impact. Since the local ecosystem has not developed natural controls (animals or other plants to limit their growth) invasive species may spread rapidly.

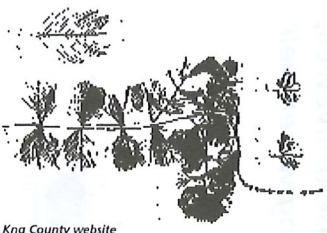


Why are they harmful?

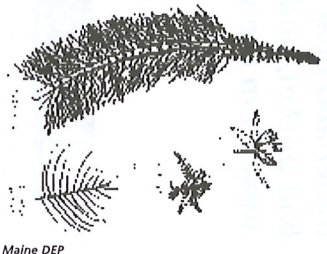
- Many invasive plants form dense mats of vegetation that can restrict boating, fishing, and swimming, and make the waterway entirely impassable.
- Many native plants and animals cannot compete for space or food with exotic species, and are crowded out or eliminated from the area.
- The aesthetic appeal, recreational value, and surrounding property values may quickly decline as the invasive species take over.
- The microscopic larval stage of Zebra Mussel and Asian Clam can easily travel undetected in bilge, bait, and livewell water. They can proliferate at an alarming rate and frequently destroy boat motors, buoys, and fishing gear. Their razor sharp shells often create a hazard for beach visitors.
- Once invasive plants and animals are established, they are almost impossible to eradicate.

Invasive Plants and Animals

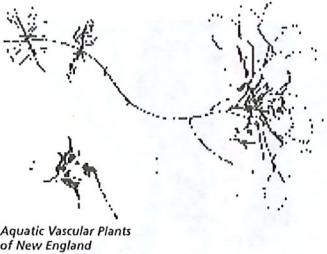
A few of the invasive species to watch for...



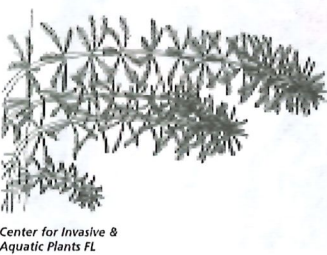
Eurasian Milfoil
Kng County website



Variable Milfoil
Maine DEP



Water Chestnut
Aquatic Vascular Plants of New England



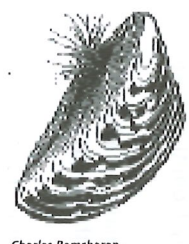
Parrot Feather
Center for Invasive & Aquatic Plants FL



Fanwort
Kng County website



Curly-leaved Pondweed
Center for Invasive & Aquatic Plants FL



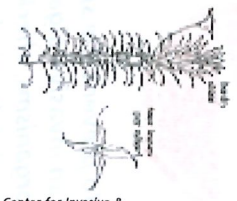
Zebra Mussel
Charles Ramcharan, Wisconsin Sea Grant



Asian Clam
Connecticut Sea Grant College



Hydrilla
Center for Invasive & Aquatic Plants FL



South American Waterweed
Center for Invasive & Aquatic Plants FL



Snakehead Fish

If you think you have caught a Snakehead do not put it back in the water. Please freeze the fish and contact the DCR Lakes and Ponds program immediately.



Wood Environment and Infrastructure Solutions, Inc.
100 Apollo Drive, Suite 302
Chelmsford, MA 01824
USA
T: 978-692-9090
www.woodplc.com

**2022 Yearly Operational Plan
For Railroad Right-of-Way Management
CSX Transportation, Inc.**

On behalf of CSX Transportation, Inc. (CSX), Wood Environment & Infrastructure Solutions, Inc. is informing you of the availability of CSX's 2022 Yearly Operational Plan (YOP) for railroad right-of-way management in accordance with 333 CMR 11.07 of the Massachusetts Rights of Way Management regulations. The YOP describes how CSX will manage vegetation on the railroad in Massachusetts. If you request we will send you an pdf copy via email, or hard copy via U.S. mail, of the YOP and maps of the CSX railroad right-of-way in your municipality.

Stephen Herzog
by email: stephen.herzog@woodplc.com

or
Wood Environment and Infrastructure Solutions, Inc.
100 Apollo Drive, Suite 302
Chelmsford MA 01824

Sincerely,

Wood Environment & Infrastructure Solutions, Inc.

A handwritten signature in black ink that reads "Stephen G. Herzog". The signature is written in a cursive style with a large, stylized "S" and "H".

Stephen G. Herzog
Project Manager

copy: CSX Transportation, Inc.



CITY OF MARLBOROUGH
Department of Public Works
Forestry, Parks, & Cemeteries Division
135 Neil Street
Marlborough, Massachusetts 01752
(508) 624-6910
Facsimile (508) 624-7699 TDD (508) 460-3610

May 18, 2022

Re: Rights of Way Application,

Commissioners,

As required under CMR333: Sec 11.07 I am notifying your office of our intent to make an application in accordance with the approved Yearly Operational Plan (YOP). Attached you will find the needed information which applies to the City's intent to make said application. If you need any further information, please feel free to contact me at (508) 624-6910 ext. 33601 or by email cwhite@marlbough-ma.gov.

Sincerely,

Christopher white
General Foreman, Forestry, Parks & Cemeteries Division

