WATER & WETLAND

LAKE, POND & WETLAND MANAGEMENT

NOTICE OF INTENT APPLICATION

Proposed Implementation of an Aquatic Management Program

Doherty Pond
Walpole, MA 02081

Prepared For: Peter Doherty
19 Homeward Lane, Walpole, MA 02081

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Contents

Forms

- Notice of Intent (NOI) WPA Form 3
- Appendix A: Limited Ecological Restoration Project
- Wetland Fee Transmittal Form
- Property Owners List

Figures

- Figure 1: USGS Locus Map
- Figure 2: Natural Heritage & Endangers Species Program Habitats
- Figure 3: Invasive/Nuisance Species Distribution Map

Appendix A

- Environmental Monitor Publication
- Abutter List

February 5, 2024

BY ELECTRONIC MAIL AND CERTIFIED MAIL

Walpole Conservation Commission
135 School Street
Walpole, MA 02081

Attn: Landis Hershey, Conservation Agent
Phone: (508) 660-7286
Email: lhershey@walpole-ma.gov

RE: Notice of Intent (NOI) application for the initiation of an Aquatic Management Program at Doherty Pond, Walpole, MA

Peter Doherty
19 Homeward Lane, Walpole, MA 02081

Dear Ms. Hershey and Conservation Commission Members:

Water & Wetland, LLC has prepared the following Notice of Intent (NOI) Application to meet the requirements of the Massachusetts Wetlands Protection Act (MGL Ch. 131 Sec. 40) and its Regulations (310 CMR 10.00, et seq) (the "Act"); the Town of Walpole Wetlands Protection Bylaw, and related regulations. We were authorized to prepare this filing at the request of Peter Doherty, the "Applicant" for the project located at 19 Homeward Lane in the town of Walpole, Massachusetts. The Applicant is seeking approval to initiate an Aquatic Management Program at Doherty Pond (See Figure 1). The proposed project has been filed as an Ecological Restoration Limited Project under 310 CMR 10.53(4) and will protect the interest of the Wetland Protection Act by controlling non-native, nuisance species, improving fish habitat, improving water quality, and slowing pond eutrophication.

Pond/Site Description

Doherty Pond is located in Walpole, Massachusetts, off of Homeward Lane. The Pond is approximately 0.80 acres and is shallow throughout the entirety of the waterbody. The whole Pond is considered a littoral zone, meaning sunlight is able to penetrate to the bottom of the waterbody which results in the ability for plants to develop and photosynthesize. Doherty Pond is primarily fed from the neighborhood watershed, which is a fairly small watershed. The main inlet to the waterbody is found along the northern shoreline of the Pond, while the water within the Pond flows from north to south. The outlet is located on the southern shoreline, which is a small, constructed dam structure. The water flows back into an unnamed stream, which eventually leads to Cobbs Pond. Homeward Lane abuts the Pond to the south while Independence Drive runs along the northern shoreline of the Pond. The Pond is surrounded by sparse woodlands and a

Figure 1: Doherty Pond

small number of developed residential properties. The only developed residential property in which the lawn abuts the Pond is Mr. Doherty's property, located on the southeastern corner of the waterbody. The Pond's primary use is the neighborhood drainage system; however, it is also used for recreational activities such as fishing and small boating (such as kayaking and canoeing).

Problem Statement/Background

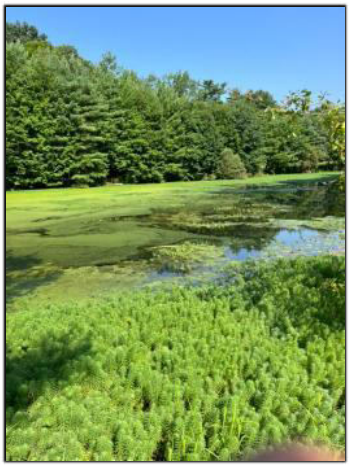


Figure 2: Doherty Pond - Parrot Feather in Forefront

Prior to developing a management plan to improve habitat and control invasive/problematic species, a survey was conducted to document baseline conditions of the Pond, note vegetation species and densities present, and to help guide future management. The most recent survey at Doherty Pond was conducted on July 26th, 2023, which identified invasive and native aquatic species. There were five species of vegetation and algae which were noted as invasive or problematic. The one invasive species included parrot feather (*Myriophyllum aquaticum)*, which was noted around the majority of the perimeter, encroaching towards the middle of the waterbody. Parrot feather is not nearly as common as many other invasive species. To our knowledge, this is the only occurrence of parrot feather in Walpole. Our plan aims to control this species prior to it spreading throughout the Town's waterbodies. The other species noted are native but were documented at problematic/nuisance densities which can cause negative impacts to the Pond's ecosystem. These species included duckweed (*Lemna),* watermeal (*Wolffia),* waterlilies (*Nymphaeaceae),* and filamentous algae. As shown in Figure 3 below, watermeal and duckweed cover nearly the entirety of the Pond.

Given that these native species have reached nuisance levels in Doherty Pond, management of them is warranted. While native species are beneficial and provide valuable fish cover and habitat, nuisance growth that covers large areas has negative implications on a waterbody. Duckweed, watermeal, waterlilies, and filamentous algae can surface on the water as dense mats, which can inhibit recreational activities, such as boating and fishing, and decrease dissolved oxygen levels in the Pond. A decrease in dissolved oxygen can have a negative impact on the waterbody such as a fish die-off. For this reason, we have included management of nuisance level floating vegetation only when warranted.

Ponds and Lakes are by no means swimming pools and vegetation is key to a healthy eco-system. We typically only recommend management of vegetation when it is either non-native invasive, or native vegetation that has reached levels/densities that are unhealthy to the eco-system (otherwise referred to as nuisance levels). As mentioned, parrot feather milfoil, duckweed, watermeal, waterlilies, and filamentous algae cover the entirety of the Pond's surface. The excessive plant cover can reduce fish density. Competitive, vegetative growth also reduces light for benthic organisms and beneficial densities of native plants. As a result, dense monocultures can form and species richness within the Pond is greatly reduced.

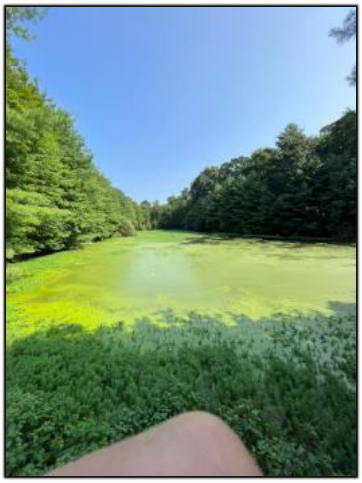


Figure 3: Doherty Pond Covered in Parrot Feather and Watermeal

Based on the above narrative, management of these species is recommended to increase open-water habitat, species richness, hydraulic capacity, and lessen the chance for depleted dissolved oxygen. The conditions described above are not conducive to a healthy aquatic eco-system and require management to improve water quality and habitat. Accordingly, the project proposes to initiate an Aquatic Management Program to improve the ecological function and value of Doherty Pond. The following information provides a detailed description of wetland resource areas within the project area and key project elements.

Project Description

The proposed implementation of an Aquatic Management Program includes the following elements:

1. Installation of a submersed aeration system and/or fountain to improve the overall water quality and health of Doherty Pond.

2. Implementation of an integrated management program centered around monitoring. The program will include selective aquatic plant and algae management based on the monitoring reports. This may include application of EPA/MA registered aquatic herbicides/algaecides for treatment of nuisance/invasive weed or algae growth.

3. Implementation of best management practices, to include best fertilization practices, encouraging beneficial shoreline buffers, landscape best practices (i.e., not dumping/blowing leaves into the Pond).

Maintenance will be performed over the course of several years and will take an integrated approach, as is always the case with pond and lake management. Details of the proposed management techniques are described below in subsequent sections of this application. No significant alteration to the wetland resource areas will occur as a result of the proposed Aquatic Management Program; instead, the resource areas will be enhanced by controlling non-native invasive parrot feather milfoil, as well as nuisance level duckweed, watermeal, waterlilies, and filamentous algae. This will subsequently improve water quality and wildlife habitat, and retard eutrophication.

Permitting

Once an Order of Conditions has been issued by Walpole Conservation Commission, Water & Wetland will file for a State Pesticide Use Permit (WM04) with Massachusetts Department of Environmental Protection (MA-DEP). The permit application will include all required forms, maps, and project descriptions.

Installation of Submersed Aeration System and/or Fountain

Upon issuance of an Order of Conditions, we are requesting the installation of a submersed aeration system and/or fountain (anticipated installation / Spring 2024) these systems are designed to provide maximum water movement and oxygenation in smaller, shallow ponds. By enhancing oxygenation and water movement within the Pond, more favorable conditions for aquatic wildlife are promoted while deterring the growth of problematic vegetation and algae. In shallow waterbodies, such as Doherty Pond, the circulation and oxygenation of the water is important not only for maintaining a healthy environment for the resident aquatic wildlife, but also for the improvement and maintenance of internal nutrient levels. Initially, we anticipate a fountain (surface aerator). These types of aerators typically provide the best mixing and agitation in a shallow pond like Doherty Pond. The fountain consists of three basic components: a control panel, submersible cord, and the floating fountain itself. These components are

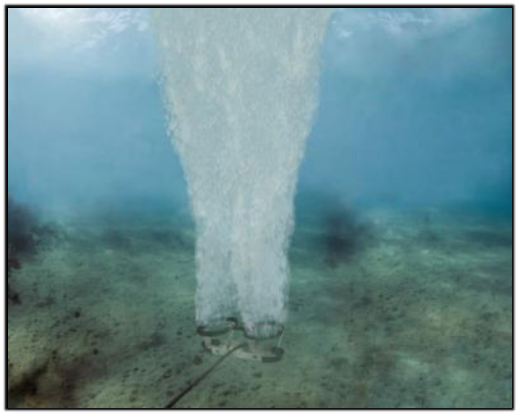


Figure 4: Submersed Aeration Diffuser

completely removable at any time. Submersed aeration will also be considered and will consist of in-pond rubber bladder diffuser stations that will be supplied with compressed air from self-weighted rubber tubing and an onshore compressor system. A conduit will be used to transfer the weighted supply lines into the Pond. Installation of these systems will not require any digging/trenching work and therefore will not result in any disturbance to the shoreline or pond. The only trenching involved will be to run an electrical line nearby to the shoreline. The electrical line would be brought in through the grassy area to the southeast of the Pond, on Peter Doherty's property. The aeration and/or fountain system will be monitored for proper function throughout each season.

Implementation of Integrated Management Program

Following the installation of the submersed aeration system and/or fountain, which will proactively assist with improvement of dissolved oxygen throughout the water column, breakdown of muck/organic matter, and nutrients, an integrated management program will be implemented. Monthly site visits will occur during the growing season consisting of an aquatic biologist or environmental scientist, licensed to apply herbicides/algaecides within aquatic environments. During each visit, the biologist will conduct a survey and visually observe conditions, paired with a standard throw rake. This methodology will document vegetation species and density. Additionally, during each visit, the biologist will collect basic water quality information such as temperature, dissolved oxygen, pH, and Secchi disk clarity. Information collected during each monitoring visit will be used to determine any necessary management.

An alternatives analysis is always conducted to determine the best approach to management of each waterbody. Mechanical removal with machines such as a mechanical harvester or hydro-rake would not only be very expensive, but mechanical harvesting would provide no actual control of the target species. While hydro-raking is effective at removing waterlily rhizomes, control of dense watermeal, duckweed, parrot feather, etc. would not be achieved through raking or other mechanical means. Either of these mechanical techniques can also spread the invasive parrot feather through fragmentation. Stocking of triploid grass carp was considered; however, grass carp are prohibited in Massachusetts. Benthic mats shade sunlight which will control the target species, but they are 1) non-selective, 2) costly and 3) require maintenance. For the reasons listed, benthic mats are great for small beaches or swim areas but not to control invasive/nuisance species throughout entire waterbodies. Lastly, manual control such as diver assisted suction harvesting (DASH) was considered. DASH is the process of lake weed removal in which a diver visually identifies the plant being targeted, removes it by the root system, and deposits it into a containment bag at the surface via a suction hose, allowing for bulk removal. By removing the invasive or nuisance species that is causing the problem, the capability of native plants to repopulate the areas that they have been pushed out of increases, giving the system a chance to return to a natural balance. The extraction of each plant by its root system is important as it provides carry over control into subsequent years. As areas extend beyond smaller areas (>.25 acres) or greater than sparse to moderate density, DASH becomes not only difficult and time consuming but also extremely cost prohibitive. Typically, densities that exceed 100 stems per acre become difficult to manage through DASH. The density and

distribution of the nuisance/invasive plants in Doherty Pond is beyond what could reasonably be controlled through DASH.

Based on the above alternatives analysis, the use of EPA/MA approved aquatic herbicides is not only the most cost-effective management approach for the initial management of Doherty Pond, but also the most effective. Based on the vegetation assemblage and target invasive plants, several herbicides were considered. Contact herbicides are the preferred management strategy given the short half-life; however, we have included several different herbicide options to account for plant resistance over time, etc. All treatments will only be conducted as warranted based on regular monitoring. While herbicide choice is especially important, other factors to success are timing and application methodology.

Herbicide/Algaecide Information

The following products are requested for use during the term of the multi-year management program:

Fluridone (Sonar – EPA # 67690-4 or equivalent)

Fluridone is a systemic herbicide that offers multi-year control on several species of invasive aquatic vegetation, including milfoil species/parrot feather. This herbicide is also effective at controlling nuisance level natives, including duckweed, watermeal, and waterlilies. Sonar is the most common brand name of fluridone herbicide and is an aquatic herbicide that was initially registered with the Environmental Protection Agency (EPA) in 1986 and has been used throughout Massachusetts and the United States for decades. The herbicide inhibits the photosynthesis process by stopping plants from making a protective pigment that keeps chlorophyll from breaking down in the sunlight. Fluridone moves quickly throughout a waterbody and is therefore usually applied as a whole lake/basin treatment. Fluridone requires an extended contact time (typically 45+ days) until target plant mortality is achieved. Fluridone, when applied at recommended dosages, is generally viewed as having one of the most environmentally friendly toxicology profiles of all products currently on the market. The US EPA has approved a limit of 150 ppb to be allowed in water used for drinking. Ideally, fluridone treatments are initiated early in the growing season when target vegetation is low or starting emergence. Both liquid and granular formations of fluridone herbicide are available and requested under this management plan. The fluridone label restricts usage within one-quarter mile of a potable water intake and no use of treated water for irrigation purposes within 30 days of application. There are no labeled restrictions on swimming, boating, or fishing. The shoreline of the ponds will be posted with brightly colored signs warning of temporary water uses restrictions prior to treatment.

Impacts Specific to the Wetlands Protection Act using Fluridone[1]

- Protection of public and private water supply – Generally neutral, but may have detriment at high doses (prohibition within 0.25-mi. of drinking water intakes at doses >20 ppb)
- Protection of groundwater supply – Generally neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction)
- Protection of land containing shellfish - Generally neutral (no significant interaction)
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

[1] Commonwealth of Massachusetts Executive Office of Environmental Affairs. Practical Guide to Lake Management: 2004. 133 p.

Diquat (Reward - EPA # 100-1091 or equivalent)

Diquat (common trade names: Reward, Tribune, Alligare Diquat etc.) is a contact herbicide commonly used for spot or partial pond applications due to its rapid mode of action and short herbicide concentration-exposure-time requirements. The USEPA/MA registered herbicide diquat dibromide is planned for milfoil and nuisance densities of native species growth. Diquat would be used within label rates and an application rate of .5 - 2 gallons per surface acre is anticipated, if necessary. All diquat applications will be based on annual surveys. Temporary water use restrictions for diquat: 1) No drinking or cooking for 3 days. 2) No irrigation of turf for 3 days 3) no irrigation of food crops for 5 days 4) No livestock watering for 1 day. There are no restrictions on swimming, boating, or fishing. The shoreline of the pond will be posted with signs warning of these temporary water use restrictions, prior to treatment. Diquat is translocated to some extent within the plant. Its rapid action tends to disrupt the leaf cuticle of plants and acts by interfering with photosynthesis. Upon contact with the soil, it is absorbed immediately and thereby biologically inactivated. Residual levels of diquat in treated water decline rapidly and their reduction is due to the uptake by the targeted vegetation and absorption to suspended soil particles in the water or on the pond bottom.

Impacts Specific to the Wetlands Protection Act using Diquat[2]

- Protection of public and private water supply – Benefit (water quality improvement)
- Protection of groundwater supply – Neutral no interaction as diquat is absorbed to soil particles
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the lake
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direst toxicity is possible under unusual circumstances
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

[2]Commonwealth of Massachusetts Executive Office of Environmental Affairs. Practical Guide to Lake Management: 2004. 124 p.

Flumioxazin (Clipper - EPA # 59639-161 or equivalent)

Flumioxazin (Clipper or equivalent) is EPA/MA approved and is one of only two approved herbicides that can effectively control watermeal. The other herbicide, fluridone (Sonar) is a systemic herbicide geared mostly towards whole pond applications. Clipper is also very effective at targeting the majority of nuisance native species that occur within the Northeast. Clipper may be utilized in Doherty Pond for spot-management of nuisance native growth and on parrot feather. Flumioxazin herbicide is classified as a PPO

(Protoporphyrinogen oxidase) inhibitor that initiates cell membrane disruption providing control of a broad range of susceptible plants. Flumioxazin works extremely quickly and provides effective seasonal control of target plant species. Another benefit to flumioxazin is that it has a very short half-life, so it is perfect for spot/site specific treatments.

Impacts Specific to the Wetlands Protection Act using Flumioxazin

- Protection of public and private water supply – Benefit (water quality improvement)
- Protection of groundwater supply – Neutral no interaction as flumioxazin has a low leaching potential
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the lake
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direct toxicity is possible under unusual circumstances
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

Florpyrauxifen-benzyl (ProcellaCOR EC - EPA # 67690-80 or equivalent)

Procellacor (florpyrauxifen-benzyl) was approved by the EPA in recent years and Massachusetts registration soon followed. This herbicide may be incorporated into the management plan to control milfoil growth. Procellacor is new technology, which is highly selective on milfoil and parrot feather, and having minimal impact on many native beneficial pondweed species. This new technology leads to lessened product use rates which relates to ounces verses gallons. The herbicide will be applied to the area at or below the permissible label dose. Procellacor requires a short contact-exposure time for the control of the target species, concentrations only need to be maintained for hours to several days to achieve management. The benefit of Procellacor, aside from the high selectivity, is that it works much like a contact herbicide but has excellent systemic activity. In many cases, milfoil treated with Procellacor will be controlled from reaching a nuisance level for several years. Temporary water-use restrictions for Procellacor include no non-agricultural irrigation to vegetation other than turf according to Table on product label (6 hours to 35 days) depending on area treated/rates. There are no restrictions on swimming, boating, or fishing. The shoreline of the waterbody will be posted with signs warning of these temporary water-use restrictions, prior to treatment.

The herbicide is quickly absorbed by the target vegetation and translocated within the plant. The mode of action of the herbicide causes impacted vegetation to lose structural integrity at growth nodes. Residual levels of the herbicide in treated water decline rapidly and reduction is due to the uptake by the target vegetation and degradation.

Impacts Specific to the Wetlands Protection Act using Florpyrauxifen-benzyl

- Protection of public and private water supply – Neutral (no significant interaction)
- Protection of groundwater supply – Generally neutral (no interaction)

- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the lake
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direct toxicity is possible under unusual circumstances
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

Copper Based Algaecides (Captain – EPA # 67690-9, SeClear – EPA # 67690-55, or equivalent)

Copper based algaecides (i.e., CuSO4, Captain, SeClear) are requested and will be utilized as dictated by monitoring/sampling. These types of algaecides are regularly used throughout Massachusetts, including in drinking water reservoirs. There are no water use restrictions associated with copper-based algaecides, even in drinking water. The concentrated liquid algaecides are first diluted with pond water and are then distributed throughout the pond area. The application rate is generally 0.2 ppm, but generally much less for algae control. When applied, the treatment area will be limited to 50% of the waterbody volume, as required per label. In the case a whole pond application is needed, 50% of the littoral zone or one third of the waterbody will be treated and a follow-up application or applications to the remaining portion of the waterbody will be initiated 14 days later.

Impacts Specific to the Wetlands Protection Act using Copper[3] algaecides

- Protection of public and private water supply – Benefit (used to control algae)
- Protection of groundwater supply – Neutral (no significant interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution - Generally neutral (no significant interaction), but could be a detriment if algae/plant die-off causes low oxygen at the bottom of the lake or causes release of taste and odor compounds or toxins
- Protection of land containing shellfish - Generally neutral (no significant interaction), but reduced algae might reduce food resources for shellfish, and direct toxicity is possible under unusual circumstances.
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, direct toxicity)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, direct toxicity)

[3] Commonwealth of Massachusetts Executive Office of Environmental Affairs. Practical Guide to Lake Management: 2004. 122 p.

Imazamox (Clearcast – EPA # 241-437-67690, Imox – EPA # 20180108 or equivalent)

USEPA/MA registered herbicide Imazamox will be applied to the waterlily, phragmites, or water willow growth at or below the permissible label dose. Imazamox will be applied to control the target species at

the application rate of approximately 3 qts/ac. Temporary water use restrictions for Imazamox are: 1) No drinking or cooking until residue testing results are below 50 ppb, 2) No irrigation until concentrations are below 50 ppb. There are no restrictions on swimming, boating, fishing, watering of livestock, or domestic use, but prudent herbicide management suggest that we close the area on the day of treatment. The shoreline will be posted with signs warning of these temporary water use restrictions prior to treatment. Imazamox is a systemic herbicide. When applied as a foliar spray, it is quickly absorbed by foliage and rapidly translocated to the growing points stopping growth. The concentrated herbicide is diluted with water and applied via a low-volume pumping system. A spray adjuvant will be mixed with the diluted herbicide to improve uptake into the plant and acts as a sticking agent. When applying foliar spray, proper precautions are taken to minimize non-target impact, such as spraying on a non-windy day where precipitation is not forecasted. When applied following these protocols, herbicide levels within the waterbody are virtually non-detectable, although Clearcast (imazamox) is approved for injection treatments in aquatic environments.

Impacts Specific to the Wetlands Protection Act using Imazamox[4]

- Protection of public and private water supply – Generally neutral, but may have detriment at high doses (setback of treatment required, with distance based on dose and area treated)
- Protection of groundwater supply – Neutral (no interaction)
- Flood control - Neutral (no significant interaction)
- Storm damage prevention – Neutral (no significant interaction)
- Prevention of pollution – Generally neutral (no significant interaction), but could be a detriment if plant die-off causes low oxygen at the bottom of the lake
- Protection of land containing shellfish - Generally neutral (no significant interaction)
- Protection of fisheries - Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)
- Protection of wildlife habitat – Possible benefit (habitat enhancement) and possible detriment (food source alteration, loss of cover)

[4]Commonwealth of Massachusetts Executive Office of Environmental Affairs. Practical Guide to Lake Management: 2004. 133 p.

Management Techniques Description

Detailed information on all the approaches proposed in this NOI can be found at the Massachusetts Department of Conservation and Recreation, Lakes and Ponds Program website. There are links under the Publications tab to the "Generic Environmental Impact Report for Eutrophication and Lake Management in Massachusetts" and the "Practical Guide to Lake Management in Massachusetts."

http://www.mass.gov/eea/agencies/dcr/water-res-protection/lakes-and-ponds/eutrophication-and-aquatic-plant-management.html

Additional information on the herbicides and algaecides can be found at the **Massachusetts Department of Agricultural Resources website:**

http://www.mass.gov/eea/agencies/agr/pesticides/aquatic-vegetation-management.html

Alternatives Analysis

Prior to submission of this Notice of Intent, several alternatives to the proposed Aquatic Plant Management Plan were considered. Water & Wetland evaluated all available strategies for management of Doherty Pond. Several chemical and non-chemical strategies are proposed, however several strategies were ruled as "not recommended" or "not recommended at this time." Findings and recommendations are based on direct experience, review of past Doherty Pond studies, and discussions found in the Eutrophication and Aquatic Plant Management in Massachusetts Final Generic Environmental Impact Review (FGEIR, EOEA 2004).

The following strategies were considered when determining the best management approach:

Mechanical Harvesting: Not Recommended

Mechanical harvesting of target species in Doherty Pond is not recommended because it is not species selective and provides only temporary control of plant growth. The Pond is also too shallow to support a mechanical harvest. The one invasive species in the Pond, parrot feather can spread through fragmentation which can increase the extent and density of those species. Mechanical harvesting cuts and collects plants, while many plants are removed, cutting leads to fragments escaping and thus promoting the spread of these invasive species. Additionally, harvesting is costly and at best would only provide a season of relief from the vegetation growth with little likelihood of any long-term success. Mechanical harvesting does not target the nuisance densities of natives within Doherty Pond. The disruption and non-target impacts would be more significant than with spot-treatments using aquatic herbicides.

Mechanical Hydro-Raking: Not Recommended

Hydro-raking of the species within Doherty Pond is not recommended as access is limited and would add maximum disturbance. Hydro-raking is not effective on parrot feather, algae, duckweed, and watermeal, and like mechanical harvesting (described above) would promote fragmentation and spread of parrot feather.

Biological: Not Recommended

There are no proven biological controls available or approved by the State of Massachusetts for the control of variable watermilfoil. The option of using triploid grass carp for vegetation control is not permitted in Massachusetts.

Sediment Excavation / Dredging: Not Recommended

Dredging nutrient rich bottom sediment is sometimes used as a strategy to control excessive weed growth. Conventional (dry) or hydraulic (suction) dredging requires an extensive project that is extremely cost prohibitive. Access and staging areas may also be a limiting factor to this management strategy. Dredging may also have severe impacts to aquatic organisms (i.e., fish and macroinvertebrates) in the Pond with no guarantees of elimination of nuisance vegetation and algae.

Drawdown: Not Recommended

While drawdowns have shown to have a slight effectiveness on milfoil species including parrot feather, they are highly dependent on ideal winter weather conditions. Additionally, deep drawdowns which

would allow for potential control of milfoil/parrot feather within greater depths of the Pond, may have negative implications on fish and other species.

Benthic Mats: Not Recommended

Benthic mats are mats placed in small areas to shade sunlight, thus limiting all plant growth in a target area. This approach can be beneficial on beaches or swimming areas but is neither practical nor cost effective pond wide. Additionally, this approach is non-selective. The plan described above allows for much more selectivity than benthic mats would. Benthic mats do not typically target or help control species such as duckweed, watermeal, and filamentous algae.

Do Nothing: Not Recommended

If the invasive and nuisance native species within Doherty Pond are allowed to continue unmanaged, habitat degradation and the eventual loss of native species diversity is imminent. Additionally, eutrophication and filling-in at the waterbody will continue to occur at an accelerated rate due to the annual decomposition of excessive plant material. Possible anoxic conditions could arise from unbalance plant growth that would degrade water quality and potentially impact fish and other aquatic organisms. Stagnant conditions will also increase water temperatures potentially promoting both algae and bacterial growth as well as possibly providing extensive mosquito breeding habitat. The waterbody's recreational and aesthetic value would be significantly degraded.

Estimated Habitats of Rare and Endangered Species

Water & Wetland has checked the Natural Heritage and Endangered Species Program Database (NHESP) to confirm whether Doherty Pond contains rare or endangered species. According to the most recent maps, this waterbody does not fall within an area designated as a priority habitat or estimated habitat.

Impacts of the Proposed Management Plan Specific to the Wetlands Protection Act

The following section provides a brief discussion of the proposed management program's impacts on the statutory interests of the Wetlands Protection Act

Protection of Public and Private Water Supply

Doherty Pond is not used as a drinking water supply. Aquatic herbicide treatments at this waterbody will not have any adverse impacts on the public or private water supply, when used in accordance with the project label and conditions of the MA DEP License to Apply Chemicals.

Protection of Groundwater Supply

Several studies show that the groundwater supply will not be adversely impacted by the proposed management strategies, specifically the application of herbicides and algaecides at proposed rates in Doherty Pond. Contamination of groundwater by aquatic herbicides is limited by their low rate of application, rapid rate of degradation, and uptake by target plants.

Flood Control and Storm Damage Prevention

No construction, dredging or alterations of the existing floodplain and storm damage prevention characteristics of the waterbody are proposed. Unmanaged, annual growth and decomposition of abundant plant growth can contribute to limiting hydraulic capacity, flow and/or outflow, and will increase sediment deposition. Therefore, the proposed management techniques may actually increase the capacity of the resource area over the long-term to provide flood protection.

Prevention of Pollution

No degradation of water quality or increased pollution is expected by the proposed management program. The proposed herbicides are relatively slow acting in controlling the nuisance vegetation. This results in a slow release of nutrients from the decaying plants, reducing the potential for increases in nutrients that can cause algae blooms. Additionally, when using contact herbicides and algaecides, treatments will be limited to no more than 50% of the littoral zone or 1/3 of the waterbody. Removal of the excessive growth of aquatic vegetation will contribute to improved water movement and a reduction in the potential for anoxic conditions. The post-treatment decrease in plant biomass will help to decrease the rate of eutrophication currently caused by the decomposing of excessive plant material.

Protection of Fisheries and Shellfisheries

Dense beds of aquatic vegetation provide poor habitat for most fish species. These conditions have the ability to cause significant fluctuations in dissolved oxygen as well as oxygen depletion during certain times of the year. While temporary effects on some desirable submersed and floating-leafed species may occur following the application of an aquatic herbicide, many non-target, native plants typically rebound quickly.

Protection of wildlife and wildlife habitat

Excessive dense plant growth, especially non-native plants, provides poor wildlife habitat for fish and other wildlife. The proposed management plan is expected to help prevent further degradation of the waterbody through excessive weed growth and improve the wildlife habitat value long-term. The goal of the multi-year management approach is to increase open-water habitat and biodiversity.

Abutter Notification

Abutters within 300 feet of Doherty Pond, including abutters across streets and in other towns (if applicable) will be notified in writing by Certificate of Mailing in accordance with the Massachusetts Department of Environmental Protection (MADEP) policy regarding such notice, which is in effect for NOIs filed after April 13, 1994. Certificates of mailing will be provided to Conservation Commission upon notification.

Forms and Fees

Fee calculation sheets and fee transmittal forms are attached to this application (See Forms). The fee schedule has been filled and filed with MADEP through eDEP.

Compliance

The objective of this project is to control invasive and nuisance species. Managing densities of invasive species will typically not adversely affect wildlife habitat and will not negatively impact other interests of the Massachusetts Wetlands Protection Act. No significant alteration to wetland resources areas will

occur as a result of the proposed management program, in fact resource areas will be enhanced by controlling the nuisance plant growth. The proposed management activities are consistent with the guidelines in the following documents:

- Final Generic Environmental Impact Report: Eutrophication and Aquatic Plant Management in Massachusetts (June 2004)
- Guidance for Aquatic Plant Management in Lakes and Ponds: As it Relates to the Wetlands Protection Act (April 2004 – DEP Policy/SOP/Guideline # BRP/DWM/WW/G04-1)
- The Practical Guide to Lake Management in Massachusetts (2004)

All chemical applications will be performed by MA Certified Applicators. The USEPA/MA registered aquatic herbicides will be applied within label rates, in accordance with all associated permits such as the Order of Conditions, BRP WM04 Permit, and all special conditions. Prior to treatment, the shoreline will be posted with brightly colored signs warning of all temporary water use restrictions.

All management techniques proposed are approved under the Massachusetts Environmental Protection Act (MEPA) process that was approved in 2004 with the issuance of the FGEIR and the Practical Guide to Lake and Pond Management in Massachusetts. These approaches do not require individual MEPA review.

Best Management Practices / Company Protocols

Water & Wetland has implemented several company protocols to ensure best management practices are followed at all times. A list of several items is provided below.

- Prior to launching any boat, the vessel will be properly cleaned and inspected for the presence of invasive species. It is our company protocol to power wash and inspect our boats in between waterbodies. No boat will be launched until it has been properly cleaned and inspected as to not introduce invasive species into additional waterbodies.
- No equipment will be stored on-site. All equipment and products needed will be brought to the pond/lake during the day of the management activity and will be removed from the site the same day.
- In the event the airboat or other boat needs refueling or oil during treatment, the boat will be demobilized and filled outside the wetland resource area.
- Product labels/Order of Conditions/State Pesticide Use Permit will be followed at all times.
- Colin Gosselin is the Project Manager and will oversee all management activities. All applicators are properly licensed to undertake aquatic herbicide applications in Massachusetts.

Request for Issuance of Order of Conditions

We hereby certify under the penalties of perjury that, to the best of our knowledge, this project meets all eligibility requirements listed in 310 CMR 10.53. The proposed project has been designed to avoid and minimize impacts to existing wetland resource areas as defined under the Massachusetts Wetlands Protection Act (MGL CH. 131 Sec. 40, et seq.). Since the interests of the Act and local Bylaw have been addressed as part of this plan, we request that a five-year Order of Conditions be issued so that the Walpole Conservation Commission may commence with the proposed project. Please feel free to reach out to me directly if you have any questions at all.

Sincerely,

Colin Gosselin, Director of Operations - NE
Water & Wetland
colin@waterandwetland.com
c: (508) 259-3153

Forms

- Notice of Intent (NOI) WPA Form 3
- Appendix A: Limited Ecological Restoration Project
- Wetland Fee Transmittal Form
- Property Owner's Signature Form

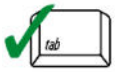
Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Walpole
City/Town

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



Note: Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

19 Homeward Lane — a. Street Address
Walpole — b. City/Town
02081 — c. Zip Code

Latitude and Longitude:
42.17713 — d. Latitude
-71.25956 — e. Longitude

12 — f. Assessors Map/Plat Number
9 & 1 — g. Parcel /Lot Number

2. Applicant:

Peter — a. First Name
Doherty — b. Last Name
c. Organization
19 Homeward Lane — d. Street Address
Walpole — e. City/Town
MA — f. State
02081 — g. Zip Code
508-801-1649 — h. Phone Number
i. Fax Number
peterdoherty77@gmail.com — j. Email Address

3. Property owner (required if different from applicant): ☒ Check if more than one owner

a. First Name
b. Last Name
c. Organization
d. Street Address
e. City/Town
f. State
g. Zip Code
h. Phone Number
i. Fax Number
j. Email address

4. Representative (if any):

Joe — a. First Name
Onorato — b. Last Name
Water and Wetland, A Jones Lake Management Partner — c. Company
PO Box 142 — d. Street Address
South Grafton — e. City/Town
MA — f. State
01560 — g. Zip Code
888-493-8526 — h. Phone Number
i. Fax Number
info@waterandwetland.com — j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

$500 — a. Total Fee Paid
$237.50 — b. State Fee Paid
$262.50 — c. City/Town Fee Paid

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

A. General Information (continued)

6. General Project Description:

Aquatic management program

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

1. ☐ Single Family Home
2. ☐ Residential Subdivision
3. ☐ Commercial/Industrial
4. ☐ Dock/Pier
5. ☐ Utilities
6. ☐ Coastal engineering Structure
7. ☐ Agriculture (e.g., cranberries, forestry)
8. ☐ Transportation
9. ☒ Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☒ Yes ☐ No

If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

management of invasive and nuisance aquatic vegetation to impede eutrophication and improve habitat value

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Norfolk	
a. County	b. Certificate # (if registered land)
37551	0432
c. Book	d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☒ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Bank	1. linear feet	2. linear feet
b. ☐ Bordering Vegetated Wetland	1. square feet	2. square feet
c. ☒ Land Under Waterbodies and Waterways	35,719 1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. ☐ Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 4. cubic feet replaced
e. ☐ Isolated Land Subject to Flooding	1. square feet 2. cubic feet of flood storage lost	3. cubic feet replaced
f. ☐ Riverfront Area	1. Name of Waterway (if available) - **specify coastal or inland**	

2. Width of Riverfront Area (check one):

☐ 25 ft. - Designated Densely Developed Areas only

☐ 100 ft. - New agricultural projects only

☐ 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

a. total square feet _____ b. square feet within 100 ft. _____ c. square feet between 100 ft. and 200 ft. _____

5. Has an alternatives analysis been done and is it attached to this NOI? ☐ Yes ☐ No

6. Was the lot where the activity is proposed created prior to August 1, 1996? ☐ Yes ☐ No

3. ☐ Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f**. above.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. ☐ Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. ☐ Land Under the Ocean	1. square feet 2. cubic yards dredged	
c. ☐ Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. ☐ Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. ☐ Coastal Dunes	1. square feet	2. cubic yards dune nourishment

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
f. ☐ Coastal Banks	1. linear feet	
g. ☐ Rocky Intertidal Shores	1. square feet	
h. ☐ Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. ☐ Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. ☐ Land Containing Shellfish	1. square feet	
k. ☐ Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 1. cubic yards dredged	
l. ☐ Land Subject to Coastal Storm Flowage	1. square feet	

4. ☐ Restoration/Enhancement

If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

a. square feet of BVW

b. square feet of Salt Marsh

5. ☐ Project Involves Stream Crossings

a. number of new stream crossings

b. number of replacement stream crossings

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 – Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Walpole
City/Town

C. Other Applicable Standards and Requirements

☒ This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

a. ☐ Yes ☒ No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

8/1/2021
b. Date of map

If *yes*, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

c. Submit Supplemental Information for Endangered Species Review*

1. ☐ Percentage/acreage of property to be altered:

(a) within wetland Resource Area _____ percentage/acreage

(b) outside Resource Area _____ percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

2. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

(a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) ☐ Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see https://www.mass.gov/ma-endangered-species-act-mesa-regulatory-review).
Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.
** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 – Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Walpole
City/Town

C. Other Applicable Standards and Requirements (cont'd)

(c) ☐ MESA filing fee (fee information available at https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review).
Make check payable to "Commonwealth of Massachusetts - NHESP" and ***mail to NHESP*** at above address

*Projects altering **10 or more acres** of land, also submit:*

(d) ☐ Vegetation cover type map of site

(e) ☐ Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, https://www.mass.gov/service-details/exemptions-from-review-for-projectsactivities-in-priority-habitat; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. ☐ Separate MESA review ongoing. a. NHESP Tracking # b. Date submitted to NHESP

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. ☐ Not applicable – project is in inland resource area only b. ☐ Yes ☐ No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Bourne to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: dmf.envreview-south@mass.gov

North Shore - Plymouth to New Hampshire border:

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: dmf.envreview-north@mass.gov

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

c. ☐ Is this an aquaculture project? d. ☐ Yes ☐ No

If yes, include a copy of the Division of Marine Fisheries Certification Letter (M.G.L. c. 130, § 57).

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
WPA Form 3 – Notice of Intent
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Walpole
City/Town

C. Other Applicable Standards and Requirements (cont'd)

Online Users: Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

   a. ☐ Yes ☐ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

   b. ACEC

5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

   a. ☐ Yes ☐ No

6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

   a. ☐ Yes ☐ No

7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

   a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
      1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
      2. ☐ A portion of the site constitutes redevelopment
      3. ☐ Proprietary BMPs are included in the Stormwater Management System.

   b. ☐ No. Check why the project is exempt:
      1. ☐ Single-family house
      2. ☐ Emergency road repair
      3. ☐ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

☒ This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☒ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☐ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

D. Additional Information (cont'd)

3. ☐ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

Project Narrative & Figures
a. Plan Title

Water & Wetland
b. Prepared By

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

2/5/2024
g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. ☒ Attach NOI Wetland Fee Transmittal Form

9. ☐ Attach Stormwater Report, if needed.

E. Fees

1. ☐ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

1018
2. Municipal Check Number

4/10/2024
3. Check date

Paid for Electronically on EDep
4. State Check Number

5. Check date

Jones Fish Hatcheries & Distributors, LLC DBA Water & Wetland
7. Payor name on check: Last Name

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2. Date: 2/15/24

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date: 4/9/2024

For Conservation Commission:
Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:
One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:
If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Eligibility Checklist

Provided by MassDEP:

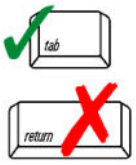
MassDEP File Number

Document Transaction Number

Walpole
City/Town

This Ecological Restoration Limited Project Eligibility Checklist guides the applicant in determining if their project is eligible to file as an Inland or Coastal Ecological Restoration Limited Project (310 CMR 10.53(4) or 310 CMR 10.24(8) respectively). These criteria must be met when submitting the Ecological Restoration Limited Project Notice of Intent to ensure that the restoration and improvement of the natural capacity of a Resource Area(s) to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

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



Regulatory Features of All Coastal and Inland Ecological Restoration Limited Projects

(a) May result in the temporary or permanent loss of/or conversion of Resource Area: An Ecological Restoration Limited Project that meets the requirements of 310 CMR 10.24(8) may result in the temporary or permanent loss of Resource Areas and/or the conversion of one Resource Area to another when such loss is necessary to the achievement of the project's ecological restoration goals.

(b) Exemption from wildlife habitat evaluation: A NOI for an Ecological Restoration Limited Project that meets the minimum requirements for Ecological Restoration Projects and for a MassDEP Combined Application outlined in 310 CMR 10.12(1) and (2) is exempt from providing a wildlife habitat evaluation (310 CMR 10.60).

Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

(c) The following are considerations for applicants filing an Ecological Restoration Limited Project NOI and for the issuing authority approving a project as an Ecological Restoration Limited Project:

☒ The condition of existing and historic Resource Areas proposed for restoration.

☒ Evidence of the extent and severity of the impairment(s) that reduce the capacity of the Resource Areas to protect and sustain the interests identified in M.G.L. c. 131, § 40.

☒ The magnitude and significance of the benefits of the Ecological Restoration Project in improving the capacity of the affected Resource Areas to protect and sustain the other interests identified in M.G.L. c. 131, § 40.

☒ The magnitude and significance of the impacts of the Ecological Restoration Project on existing Resource Areas that may be modified, converted and/or lost and the interests for which said Resource Areas are presumed significant in 310 CMR 10.00, and the extent to which the project will:

a. avoid adverse impacts to Resource Areas and the interests identified in M.G.L. c. 131, § 40, that can be avoided without impeding the achievement of the project's ecological restoration goals.

b. minimize adverse impacts to Resource Areas and the interests identified in M.G.L. c. 131, § 40, that are necessary to the achievement of the project's ecological restoration goals.

c. utilize best management practices such as erosion and siltation controls and proper construction sequencing to avoid and minimize adverse construction impacts to resource areas and the interests identified in M.G.L. c. 131, § 40.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8))

Complete this Eligibility Criteria Checklist ***before*** filling out a Notice of Intent Application to determine if your project qualifies as a Coastal Ecological Restoration Limited Project. (310 CMR 10.24(8)) Sign the Eligibility Certification at the end of Appendix A, and attach the checklist with supporting documentation and the Eligibility Certification to your Notice of Intent Application.

General Eligibility Criteria for All Coastal Ecological Restoration Limited Projects

Notwithstanding the requirements of 310 CMR 10.25 through 10.35, 310 CMR 10.54 through 10.58, and the Wildlife Habitat evaluations in 310 CMR 10.60, the Issuing Authority may issue an Order of Conditions permitting an Ecological Restoration Project listed in 310 CMR 10.24(8)(e) as an Ecological Restoration Limited Project and impose such conditions as will contribute to the interests identified in the WPA M.G.L. provided that the project meets all the requirements in 310 CMR 10.24 (8).

☒ The project is an Ecological Restoration Project as defined in 310 CMR 10.04 and is a project type listed below [310 CMR 10.24(8)(e)].

☐ Tidal Restoration.

☐ Shellfish Habitat Restoration.

☒ Other Ecological Restoration Limited Project Type.

☐ The project will further at least one of the WPA (M.G.L. c. 131, § 40) interests identified below.

- ☐ Protection of public or private water supply.
- ☐ Protection of ground water supply.
- ☐ Flood control.
- ☐ Storm damage prevention.
- ☐ Prevention of pollution.
- ☐ Protection of land containing shellfish.
- ☐ Protection of fisheries.
- ☐ Protection of wildlife habitat.

☐ If the project will impact an area located within estimated habitat which is indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands, a NHESP preliminary written determination is attached to the NOI submittal that the project will not have any adverse long-term and short-term effects on specified habitat sites of Rare Species or the project will be carried out in accordance with an approved NHESP habitat management plan.

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8)) (Cont.)

General Eligibility Criteria for All Coastal Ecological Restoration Limited Projects (cont.)

☐ If the project is located in a Coastal Dune or Barrier Beach, the project avoids and minimizes armoring of the Coastal Dune or Barrier Beach to the maximum extent practicable.

☐ The project complies with all applicable provisions of 310 CMR 10.24(1) through (6) and 310 CMR 10.24(9) and (10).

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

These additional criteria must be met to qualify as an Ecological Restoration Limited Project to ensure that the restoration and improvement of the natural capacity of a Resource Area to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

☐ This Ecological Restoration Limited Project application meets the eligibility criteria for Ecological Restoration Limited Project [310 CMR 10.24(8)(a) through (d) and as proposed, furthers at least one of the WPA interests is for the project type identified below.

☐ **Tidal Restoration Projects**

☐ A project to restore tidal flow that will not significantly increase flooding or storm damage impacts to the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure.

☐ **Shellfish Habitat Restoration Projects**

☐ The project has received a Special Projects Permit from the Division of Marine Fisheries or, if a municipality, has received a shellfish propagation permit.

☐ The project is made of cultch (e.g., shellfish shells from oyster, surf or ocean clam) or is a structure manufactured specifically for shellfish enhancement (e.g., reef blocks, reef balls, racks, floats, rafts, suspended gear).

☐ **Other Ecological Restoration Projects** that meet the criteria set forth in 310 CMR 10.24(8)(a) through (d).

☐ Restoration, enhancement, or management of Rare Species habitat.

☐ Restoration of hydrologic and habitat connectivity.

☐ Removal of aquatic nuisance vegetation to impede eutrophication.

☐ Thinning or planting of vegetation to improve habitat value.

☐ Fill removal and re-grading.

☐ Riparian corridor re-naturalization.

☐ River floodplain re-connection.

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8)) (Cont.)

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

- ☐ In-stream habitat enhancement.
- ☐ Remediation of historic tidal wetland ditching.
- ☐ Eelgrass restoration.
- ☒ Invasive species management.
- ☐ Installation of fish passage structures.
- ☐ Other. Describe: _____

☐ This project involves the construction, repair, replacement or expansion of public or private infrastructure (310 CMR 10.24(9).

- ☐ The NOI attachment labeled _____ is an operation and maintenance plan to ensure that the infrastructure will continue to function as designed.
- ☐ The operation and maintenance plan will be implemented as a continuing condition in the Order of Conditions and the Certificate of Compliance.
- ☐ This project proposes to replace an existing stream crossing (310 CMR 10.24(10). The crossing complies with the Massachusetts Stream Crossing Standards to the maximum extent practicable with details provided in the NOI. The crossing type:
  - ☐ Replaces an existing non-tidal crossing that is part of an Anadromous/Catadromous Fish Run (310 CMR 10.35)
  - ☐ Replaces an existing tidal crossing that restricts tidal flow. The tidal restriction will be eliminated to the maximum extent practicable.
- ☐ At a minimum, in evaluating the potential to comply with the standards to the maximum extent practicable the following criteria have been consider site constraints in meeting the standard, undesirable effects or risk in meeting the standard, and the environmental benefit of meeting the standard compared to the cost, by evaluating the following:
  - ☐ The potential for downstream flooding;
  - ☐ Upstream and downstream habitat (in-stream habitat, wetlands);
  - ☐ Potential for erosion and head-cutting;
  - ☐ Stream stability;
  - ☐ Habitat fragmentation caused by the crossing;
  - ☐ The amount of stream mileage made accessible by the improvements;
  - ☐ Storm flow conveyance;

Eligibility Criteria - Coastal Ecological Restoration Limited Projects (310 CMR 10.24(8)) (Cont.)

Additional Eligibility Criteria for Specific Coastal Ecological Restoration Limited Project Types

- ☐ Engineering design constraints specific to the crossing;
- ☐ Hydrologic constraints specific to the crossing;
- ☐ Impacts to wetlands that would occur by improving the crossing;
- ☐ Potential to affect property and infrastructure; and
- ☐ Cost of replacement.

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4))

Complete this Eligibility Criteria Checklist ***before*** filling out a Notice of Intent Application to determine if your project qualifies as an Inland Ecological Restoration Limited Project. (310 CMR 10.53(4)) Sign the Eligibility Certification at the end of Appendix A, and attach the checklist with supporting documentation and the Eligibility Certification to your Notice of Intent Application.

General Eligibility Criteria for All Inland Ecological Restoration Limited Projects

Notwithstanding the requirements of any other provision of 310 CMR 10.25 through 10.35, 310 CMR 10.54 through 10.58, and 310 CMR 10.60, the Issuing Authority may issue an Order of Conditions permitting an Ecological Restoration Project listed in 310 CMR 10.53(4)(e) as an Ecological Restoration Limited Project and impose such conditions as will contribute to the interests identified in M.G.L. c. 131, § 40, provided that:

☐ The project is an Ecological Restoration Project as defined in 310 CMR 10.04 and is a project type listed below [310 CMR 10.53(4)(e)].

- ☐ Dam Removal
- ☐ Freshwater Stream Crossing Repair and Replacement
- ☐ Stream Daylighting
- ☐ Tidal Restoration
- ☐ Rare Species Habitat Restoration
- ☐ Restoring Fish Passageways
- ☒ Other (describe project type): Removal of invasive aquatic vegetation

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

General Eligibility Criteria for All Inland Ecological Restoration Limited Projects

☒ The project will further at least one of the WPA (M.G.L. c. 131, § 40) interests identified below.

- ☐ Protection of public or private water supply
- ☐ Protection of ground water supply
- ☐ Flood control
- ☐ Storm damage prevention
- ☐ Prevention of pollution
- ☐ Protection of land containing shellfish
- ☒ Protection of fisheries
- ☒ Protection of wildlife habitat

☐ If the project will impact an area located within estimated habitat which is indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands, a NHESP preliminary written determination is attached to the NOI submittal that the project will have no adverse long-term and short-term effects on specified habitat sites of Rare Species or the project will be carried out in accordance with an approved NHESP habitat management plan.

☐ The project will be carried out in accordance with any time of year restrictions or other conditions recommended by the Division of Marine Fisheries for coastal waters and the Division of Fisheries and Wildlife in accordance with 310 CMR 10.11(3).

☐ If the project involves the dredging of 100 cubic yards of sediment or more or dredging of any amount in an Outstanding Resource Water, a Water Quality Certification has been applied for or obtained.

☐ The project complies with all applicable provisions of 310 CMR 10.53(1), (2), (7), and (8).

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

Additional Eligibility Criteria for Specific Inland Ecological Restoration Limited Project Types

These additional criteria must be met to qualify as an Ecological Restoration Limited Project to ensure that the restoration and improvement of the natural capacity of a Resource Area to protect and sustain the interests identified in the WPA is **necessary** to achieve the project's ecological restoration goals.

☒ This project application meets the eligibility criteria for Ecological Restoration Limited Project in accordance with [310 CMR 10.53(4)(a) through (d) and as proposed, furthers at least one of the WPA interests is for the project type identified below:

☐ **Dam Removal**

☐ Project is consistent with MassDEP's 2007 Dam Removal Guidance.

☐ **Freshwater Stream Crossing Repair and Replacement**. The project as proposed and the NOI describes how:

☐ Meeting the eligibility criteria set forth in 310 CMR 10.13 would result in significant stream instability or flooding hazard that cannot otherwise be mitigated, and site constraints make it impossible to meet said criteria.

☐ The project design ensures that the stability of the bank is NOT impaired.

☐ To the maximum extent practicable, the project provides for the restoration of the stream upstream and downstream of the structure as needed to restore stream continuity and eliminate barriers to aquatic organism movement.

☐ The project complies with the requirements of 310 CMR 10.53(7) and (8).

☐ **Stream Daylighting Projects**

☐ The project meets the eligibility criteria for Ecological Restoration Limited Project [310 CMR 10.53(4)(a) through (d)] and as proposed the NOI describes how the proposed project meets to the maximum extent practicable, consistent with the project's ecological restoration goals, all the performance standards for Bank and Land Under Water Bodies and Waterways.

☐ The project meets the requirements of 310 CMR 10.12(1) and (2) and a wildlife habitat evaluation is not included in the NOI.

☐ **Tidal Restoration Project**

☐ Restores tidal flow.

☐ the project, including any proposed flood mitigation measures, will not significantly increase flooding or storm damage to the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure.

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

☒ **Other Ecological Restoration Projects** that meet the criteria set forth in 310 CMR 10.53 (4) (a) through (d).

- ☐ Restoration, enhancement, or management of Rare Species habitat.
- ☐ Restoration of hydrologic and habitat connectivity.
- ☒ Removal of aquatic nuisance vegetation to impede eutrophication.
- ☒ Thinning or planting of vegetation to improve habitat value.
- ☐ Riparian corridor re-naturalization.
- ☐ River floodplain re-connection.
- ☐ In-stream habitat enhancement.
- ☐ Fill removal and re-grading.
- ☐ Flow restoration.
- ☐ Installation of fish passage structures.
- ☒ Invasive species management.
- ☐ Other. Describe: _____

☐ This project involves the construction, repair, replacement or expansion of public or private infrastructure. (310 CMR 10.53(7))

- ☐ The NOI attachment labeled _____ is an operation and maintenance plan to ensure that the infrastructure will continue to function as designed.
- ☐ The operation and maintenance plan will be implemented as a continuing condition in the Order of Conditions and the Certificate of Compliance.

☐ This project replaces an existing stream crossing (310 CMR 10.53(8)). The crossing type:

- ☐ Replaces an existing non-tidal crossing designed to comply with the Massachusetts Stream Crossing Standards to the maximum extent practicable with details provided in the NOI.
- ☐ Replaces an existing tidal crossing that restricts tidal flow. The tidal restriction will be eliminated to the maximum extent practicable.

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

Eligibility Criteria - Inland Ecological Restoration Limited Project (310 CMR 10.53(4)) (cont.)

☐ At a minimum, in evaluating the potential to comply with the standards to the maximum extent practicable the following criteria have been consider site constraints in meeting the standard, undesirable effects or risk in meeting the standard, and the environmental benefit of meeting the standard compared to the cost, by evaluating the following:

- ☐ The potential for downstream flooding;
- ☐ Upstream and downstream habitat (in-stream habitat, wetlands);
- ☐ Potential for erosion and head-cutting;
- ☐ Stream stability;
- ☐ Habitat fragmentation caused by the crossing;
- ☐ The amount of stream mileage made accessible by the improvements;
- ☐ Storm flow conveyance;
- ☐ Engineering design constraints specific to the crossing;
- ☐ Hydrologic constraints specific to the crossing;
- ☐ Impacts to wetlands that would occur by improving the crossing;
- ☐ Potential to affect property and infrastructure; and
- ☐ Cost of replacement.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

Required Actions (310 CMR 10.11)

Complete the Required Actions before submitting a Notice of Intent Application for an Ecological Restoration Project and submit a completed copy of this Checklist with the Notice of Intent.

☒ **Massachusetts Environmental Policy Act (MEPA) / Environmental Monitor**
http://www.mass.gov/eea/agencies/mepa/submitting-notices-to-the-environmental-monitor.html

For Ecological Restoration Limited Projects, there are no changes to MEPA requirements.

☒ Submit written notification at least 14 days prior to the filing of a Notice of Intent (NOI) to the Environmental Monitor for publication. A copy of the written notification is attached and provides at minimum:

☒ A brief description of the proposed project.

☒ The anticipated NOI submission date to the conservation commission.

☒ The name and address of the conservation commission that will review the NOI.

☒ Specific details as to where copies of the NOI may be examined or acquired and where to obtain the date, time, and location of the public hearing.

☐ **Massachusetts Endangered Species Act (MESA) /Wetlands Protection Act Review**

☐ Preliminary Massachusetts Endangered Species Act Review from the Natural Heritage and Endangered Species Program (NHESP) has been met and the written determination is attached.

☐ Supplemental Information for Endangered Species Review has been submitted.

1. ☐ Percentage/acreage of property to be altered:

   a. Within Wetland Resource Area _____ Percentage/acreage

   b. Outside Wetland Resource Area _____ Percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

3. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work.

4. ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

5. ☐ Photographs representative of the site

6. ☐ MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm)

Required Actions (310 CMR 10.11) (cont.)

Make check payable to "Commonwealth of Massachusetts - NHESP" and mail to NHESP:

Natural Heritage & Endangered Species Program
MA Division of Fisheries & Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

7. Projects altering 10 or more acres of land, also submit:

   a. ☐ Vegetation cover type map of site

   b. ☐ Project plans showing Priority & Estimated Habitat boundaries

OR Check One of the Following:

1. ☐ Project is exempt from MESA review.

Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59 – see C4 below)

2. ☐ Separate MESA review ongoing.

a. NHESP Tracking # _____ b. Date submitted to NHESP _____

3. ☐ Separate MESA review completed. Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

☐ **Estimated Habitat Map of State-Listed Rare Wetlands Wildlife**

If a portion of the proposed project is located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP), complete the portion below. To view habitat maps, see the **Massachusetts Natural Heritage Atlas** or view the maps electronically at: http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review

☐ A preliminary written determination from Natural Heritage and Endangered Species Program (NHESP) must be obtained indicating that:

☐ Project will NOT have long- or short-term adverse effect on the actual Resource Area located within estimated habitat indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife published by NHESP.

☐ Project will have long- or short-term adverse effect on the actual Resource Area located within estimated habitat indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetlands Wildlife published by NHESP. A copy of NHESP's written preliminary determination in accordance with 310 CMR 10.11(2) is attached. This specifies:

☐ Date of the map: _____

Required Actions (310 CMR 10.11) (cont.)

☐ If the Rare Species identified is/are likely to continue to be located on or near the project, and if so, whether the Resource Area to be altered is in fact part of the habitat of the Rare Species.

☐ That if the project alters Resource Area(s) within the habitat of a Rare Species:

☐ The Rare Species is identified;

☐ NHESP's recommended changes or conditions necessary to ensure that the project will have no short or long term adverse effect on the habitat of the local population of the Rare Species is provided; or

☐ An approved NHESP habitat management plan is attached with this Notice of Intent.

Send the request for a preliminary determination to:
Natural Heritage & Endangered Species Program
MA Division of Fisheries & Wildlife
1 Rabbit Hill Road
Westborough, MA 01581

☐ **Division of Marine Fisheries**

☐ If the project will occur within a coastal waterbody with a restricted Time of Year, [see Appendix B of the Division of Marine Fisheries (DMF) Technical Report TR 47 "Marine Fisheries Time of Year Restrictions (TOYs) for Coastal Alteration Projects" dated April 2011 http://www.nae.usace.army.mil/Portals/74/docs/regulatory/StateGeneralPermits/NEGP/MADMFTR-47.pdf].

☐ Obtain a DMF written determination stating:

☐ The proposed work does NOT require a TOY restriction.

☐ The proposed work requires a TOY restriction. Specific recommended TOY restriction and recommended conditions on the proposed work is attached.

☐ If the project may affect a diadromous fish run [re: Division of Marine Fisheries (DMF) Technical Reports TR 15 through 18, dated 2004: http://www.mass.gov/eea/agencies/dfg/dmf/publications/technical.html]

☐ Obtain a DMF written determination stating:

☐ The design specifications and operational plan for the project are compatible with the passage requirements of the fish run.

☐ The design specifications and operational plan for the project are not compatible with the passage requirements of the fish run.

Required Actions (310 CMR 10.11) (cont.)

Send the request for a written or electronic determination to:

South Shore – Cohasset to Rhode Island border, and the Cape & Islands:
Division of Marine Fisheries –
South Coast Field Station
Attn: Environmental Reviewer
836 South Rodney French Blvd.
New Bedford, MA 02744
Email: DMF.EnvReview-South@state.ma.us

North Shore – Hull to New Hampshire border:
Division of Marine Fisheries –
North Shore Field Station
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930
Email: DMF.EnvReview-North@state.ma.us

☐ **Division of Fisheries and Wildlife –** http://www.mass.gov/eea/agencies/dfg/dfw/

☐ Projects that involve silt-generating, in-water work that will impact a non-tidal perennial river or stream and the in-water work will not occur between May 1 and August 30.

☐ Obtain a written determination from the Division of Fisheries and Wildlife (DFW) as to whether the proposed work requires a TOY restriction.

☐ The proposed work does NOT require a TOY restriction.

☐ The proposed work requires a TOY restriction. The DFW determination with TOY restriction and other conditions is attached.

☐ **MassDEP Water Quality Certification**

☐ Project involves dredging of 100 cubic yards or more in a Resource Area or dredging of any amount in an Outstanding Resource Water (ORW). A copy and proof of the MassDEP Water Quality Certification pursuant to 314 CMR 9.00 is attached to the NOI.

☐ This project is a Combined Permit Application for 401 Dredging and Restoration (BRP WW 26).

☐ **MassDEP Wetlands Restriction Order**

Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

☐ Yes ☐ No

☐ **Department of Conservation and Recreation**

Office of Dam Safety

☐ For Dam Removal Projects, obtain a written determination from the Department of Conservation and Recreation Office of Dam Safety that the dam is not subject to the jurisdiction of the Office under 302 CMR 10.00, a written determination that the dam removal does not require a permit under 302 CMR 10.00 or a permit authorizing the dam removal in accordance with 302 CMR 10.00 has been issued.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

Required Actions (310 CMR 10.11) (cont.)

Areas of Critical Environmental Concern (ACECs)

Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

☐ Yes ☒ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations).

Name of ACEC

Minimum Required Documents (310 CMR 10.12)

Complete the Required Documents Checklist below and provide supporting materials before submitting a Notice of Intent Application for an Ecological Restoration Project.

☒ This Notice of Intent meets all applicable requirements outlined in for Ecological Restoration Projects in 310 CMR 10.12. Use the checklist below to insure that all documentation is included with the NOI.

At a minimum, a Notice of Intent for an Ecological Restoration Project shall include the following:

☒ Description of the project's ecological restoration goals;

☒ The location of the Ecological Restoration Project;

☐ Description of the construction sequence for completing the project;

☐ A map of the Areas Subject to Protection Under M.G.L. c. 131, § 40, that will be temporarily or permanently altered by the project or include habitat for Rare Species, Habitat of Potential Regional and Statewide Importance, eel grass beds, or Shellfish Suitability Areas.

☐ The method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.) is attached with documentation methodology.

☒ List the titles and dates for all plans and other materials submitted with this NOI.

Project Narrative & Figures
a. Plan Title

Water & Wetland
b. Prepared by

c. Signed and Stamped by

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

2/5/2024
g. Date

☒ If there is more than one property owner, attach a list of these property owners not listed on this form.

☒ Attach NOI Wetland Fee Transmittal Form.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

Minimum Required Documents (310 CMR 10.12)

- ☐ An evaluation of any flood impacts that may affect the built environment, including without limitation, buildings, wells, septic systems, roads or other man-made structures or infrastructure as well as any proposed flood impact mitigation measures;
- ☒ A plan for invasive species prevention and control;
- ☐ The Natural Heritage and Endangered Species Program written determination in accordance with 310 CMR 10.11(2), if needed;
- ☐ Any Time of Year restrictions and/or other conditions recommended by the Division of Marine Fisheries or the Division of Fisheries and Wildlife in accordance with 310 CMR 10.11(3), (4), (5), if needed;
- ☒ Proof that notice was published in the Environmental Monitor as required by 310 CMR 10.11(1;
- ☐ A certification by the applicant under the penalties of perjury that the project meets the eligibility criteria set forth in 310 CMR 10.13;
- ☐ If the Ecological Restoration Project involves the construction, repair, replacement or expansion of infrastructure, an operation and maintenance plan to ensure that the infrastructure will continue to function as designed;
- ☐ If the project involves dredging of 100 cubic yards or more or dredging of any amount in an Outstanding Resource Water, a Water Quality Certification issued by the Department pursuant to 314 CMR 9.00;
- ☐ If the Ecological Restoration Project involves work on a stream crossing, information sufficient to make the showing required by 310 CMR 10.24(10) for work in a coastal resource area and 310 CMR 10.53(8) for work in an inland resource area; and
- ☐ If the Ecological Restoration Project involves work on a stream crossing, baseline photo-points that capture longitudinal views of the crossing inlet, the crossing outlet and the upstream and downstream channel beds during low flow conditions. The latitude and longitude coordinates of the photo-points shall be included in the baseline data.
- ☐ This project is subject to provisions of the MassDEP Stormwater Management Standards. A copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) is attached.
- ☐ Provide information as the whether the project has the potential to impact private water supply wells including agricultural or aquacultural wells or surface water withdrawal points.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Walpole
City/Town

WPA Form 3 – Notice of Intent
Appendix A: Ecological Restoration Limited Project Checklists
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Certification that the Ecological Restoration Project Meets the Eligibility Criteria

I hereby certify under penalties of perjury that the Ecological Restoration Project Notice of Intent application does not meet the Eligibility criteria for an Ecological Restoration Order of Conditions set forth in 310 CMR 10.13, but does meet the Eligibility Criteria for a Ecological Restoration Limited Project set forth in 10.24(8) or 10.53(4) whichever is applicable. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief such information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities.

Signature of Applicant or Authorized Agent

Peter Doherty
Printed Name of Applicant or Authorized Agent

2/15/24
Date

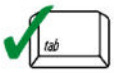
The certification must be signed by the applicant; however, it may be signed by a duly authorized agent (named in Item 2) if this form is accompanied by a statement by the applicant designating the agent and agreeing to furnish upon request, supplemental information in support of the application.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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



A. Applicant Information

1. Location of Project:

19 Homeward Lane	Walpole
a. Street Address	b. City/Town
c. Check number	d. Fee amount

2. Applicant Mailing Address:

Peter	Doherty
a. First Name	b. Last Name

c. Organization

19 Homeward Lane
d. Mailing Address

Walpole	MA	02081
e. City/Town	f. State	g. Zip Code

508-801-1649		peterdoherty77@gmail.com
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

a. First Name	b. Last Name

c. Organization

d. Mailing Address

e. City/Town	f. State	g. Zip Code

h. Phone Number	i. Fax Number	j. Email Address

B. Fees

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

Fee should be calculated using the following process & worksheet. ***Please see Instructions before filling out worksheet.***

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract $12.50. To calculate the city/town share of the fee, divide the total fee in half and add $12.50.

Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

NOI Wetland Fee Transmittal Form

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Cat 2e. Inland Limited Project	1	$500.00	$500.00

Step 5/Total Project Fee:

Step 6/Fee Payments:

Total Project Fee:	$500.00 (a. Total Fee from Step 5)
State share of filing Fee:	$237.50 (b. 1/2 Total Fee **less $**12.50)
City/Town share of filling Fee:	$262.50 (c. 1/2 Total Fee **plus** $12.50)

C. Submittal Requirements

a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

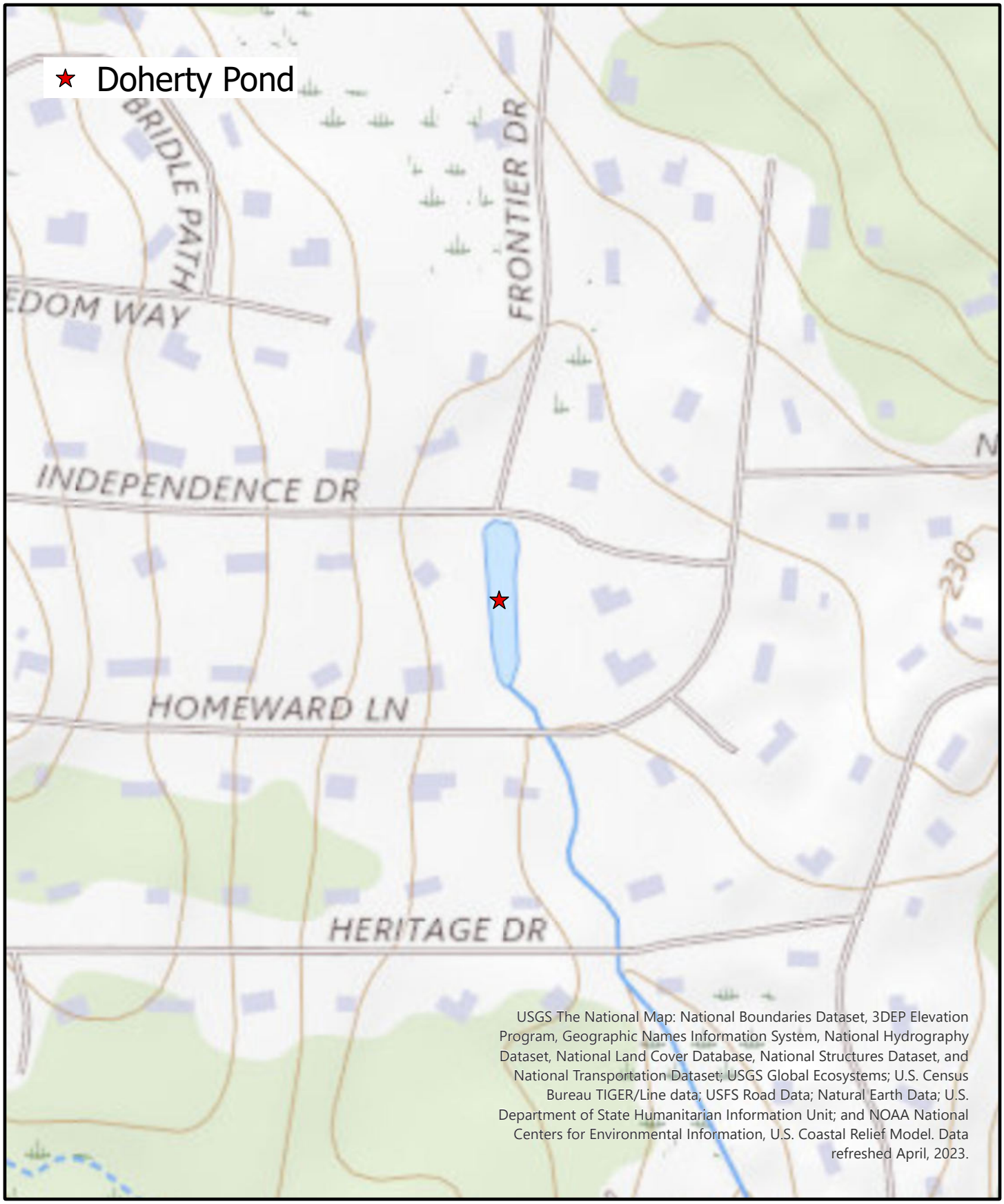
To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Property Owners List

Parcel	Name	Address	Email	Phone
12/9	Peter Doherty Jessica Doherty	19 Homeward Ln. Walpole, MA 02081	peterdoherty77@gmail.com	508-801-1649
Signature:	Peter Doherty		**Date:**	2/15/24

Parcel	Name	Address	Email	Phone
12/1	Alan Maciejewski Louise Maciejewski	8 Independence Dr. Walpole, MA 02081	ALAN J MACIE JEWSKI@ GMAIL.COM	
Signature:	Alan Maciejewski		**Date:**	4/8/24

Figures



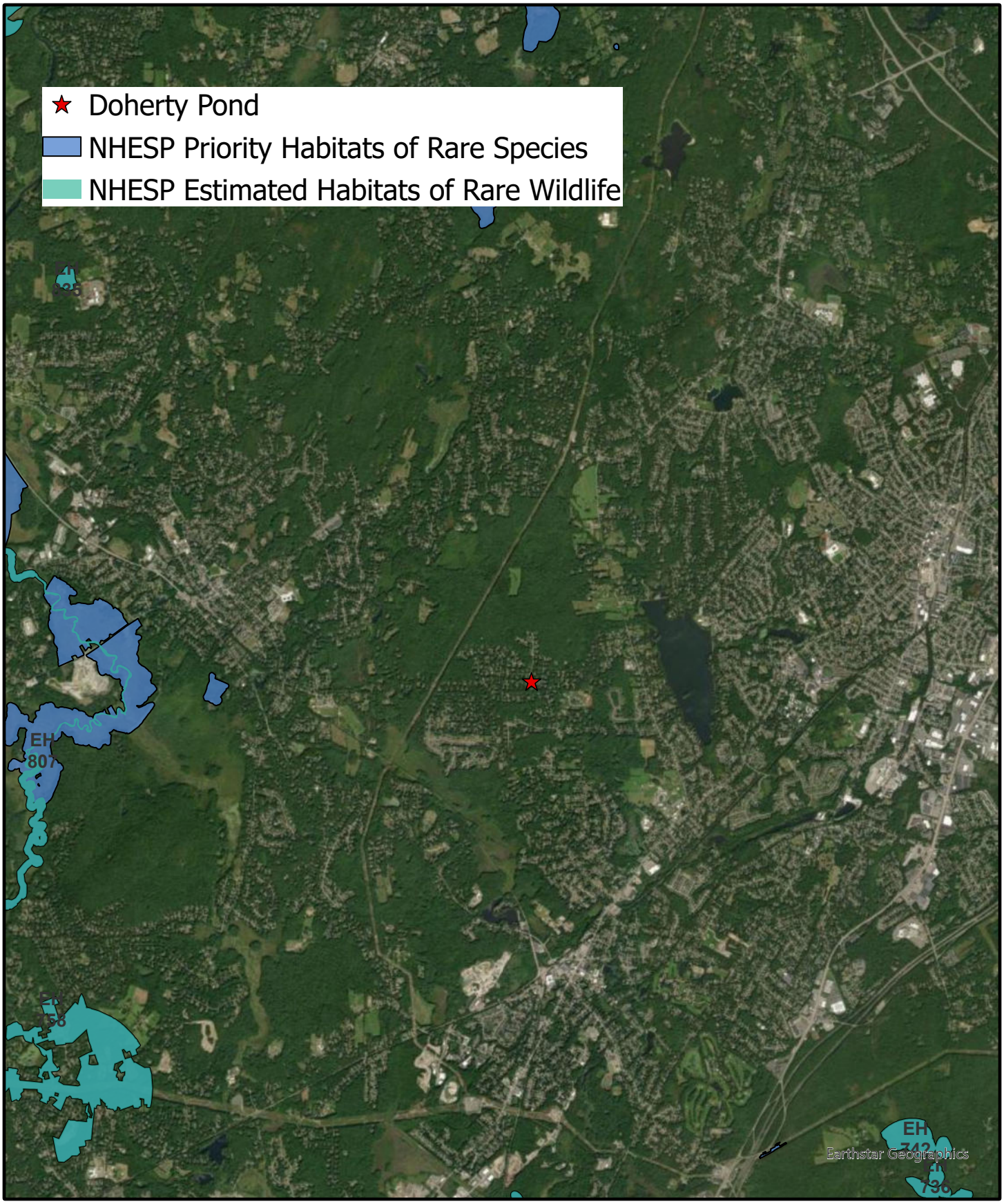
WATER & WETLAND
LAKE, POND & WETLAND MANAGEMENT

Doherty Pond
Site Locus Map
Walpole, MA

Survey Date
7/26/2023

Map Date
1/17/2024

N



WATER & WETLAND
LAKE, POND & WETLAND MANAGEMENT

Doherty Pond
NHESP Map
Walpole, MA

Survey Date
7/26/2023

Map Date
1/17/2024

N

WATER & WETLAND
LAKE, POND & WETLAND MANAGEMENT

Doherty Pond
Vegetation Distribution
Walpole, MA

Survey Date
7/26/2023

Map Date
1/17/2024

N

Appendix A

- Environmental Monitor Publication
- Abutter List

To: The Environmental Monitor

From: Water & Wetland, LLC

Date: January 19, 2024

Re: Notification of filing a Notice of Intent (NOI) for Doherty Pond (19 Homeward Lane, Walpole, MA 02081)

Anticipated Date of Submission: February 9, 2024

The proposed project is seeking approval to implement an Aquatic Plant Management Program at Doherty Pond in Walpole, MA. The program will focus on the reduction and control of nuisance and invasive aquatic vegetation and algae through manual removal and/or the use of USEPA/MA registered aquatic herbicides and algaecides. The project aims to protect the interests of the Wetlands Protection Act by slowing eutrophication and improving habitat value.

Reviewing Conservation Commissions:

Walpole Conservation Commission
135 School Street
Walpole, MA 02081

Copies of the Notice of Intent may be examined or acquired by contacting the applicant's representative, Water & Wetland, LLC at info@waterandwetland.com, or 888-493-8526.

Please see Conservation Commission websites for the meeting schedule to confirm exact dates and agendas.

CONSERVATION COMMISSION
TOWN HALL
135 School Street
Walpole, MA 02081
Phone (508) 660-7268

CERTIFIED ABUTTERS LIST REQUEST

Date: 1/17/2024

I request an abutter's list within 300 feet of the site of intent for the CONSERVATION COMMISSION.

Name of Applicant: Peter Doherty - Represented by Water and Wetland

Address: 19 Homeward Lane, Walpole, MA 02081

Telephone: 508-801-1649

Location: 19 Homeward Lane, Walpole, MA 02081 - 12|9

I understand that I am to pay a fee of $1.50 per abutter, to the Board of Assessors, for this list. However, if an abutter's list is required by the Board of Appeals, this same list may be used by the Conservation Commission. The list may take up to 2 weeks to generate.

Received by Assessors - Date: 1/17/24 emailed
TIME:

List may be emailed to: Assessors@walpole-ma.gov or dropped off at the Assessor's Office 135 School Street Walpole

Board of Assessors
John R. Fisher, Chair
Richard J. Zaccaro, Clerk
Denise A. Ellis, Member

TOWN OF WALPOLE
Commonwealth of Massachusetts
Phone (508) 660-7315 Fax (508) 906-3598
E-mail: Assessors@walpole-ma.gov

Town Hall
135 School Street
Walpole, MA 02081

January 22, 2023

I, Dennis J. Flis, Director of Assessing for the Board of Assessors in the Town of Walpole, hereby certify that the following are the current owners as of January 1, 2024; for FY 24.

Owner: Doherty Jessica H & Peter J

This land being shown on the Assessors Map for the Town of Walpole as:

Parcel: 12/9 Address: 19 Homeward Lane

Together with the attached lists of owners of all adjoining land of said abutters within 300 feet of the property line.

Dennis J. Flis
Director of Assessing

Attachments

Property Location 19 HOMEWARD LN | Map ID 12/ 9/ / / | Bldg Name | State Use 1010
Vision ID 1171 | Account # A161525007 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 1 | Print Date 1/22/2024 11:09:18 A

CURRENT OWNER

DOHERTY JESSICA H & PETER J

19 HOMEWARD LN

WALPOLE MA 02081

Building Address:
19 HOMEWARD LN

TOPO	UTILITIES	STRT / ROAD	LOCATION
1 Level	2 Public Water	1 Paved	2 Suburban
4 Rolling	3 Public Sewer		

SUPPLEMENTAL DATA

Alt Prcl ID		Attached Document	
Census	4113:		
Old ID	46		
Lot #			
Lot Size	1.9800	Plans	
Photo			
GIS ID	F_721507_2889600	Assoc Pid#	

CURRENT ASSESSMENT

Description	Code	Assessed	Assessed
RES BLDG	1010	1,040,300	1,040,300
RES LAND	1010	414,800	414,800
	Total	1,455,100	1,455,100

WALPOLE, MA
Board of Assessors
135 School St
Walpole, MA 02081
(508) 660-7315

VISION GOVERNMENT SOLUTIONS

RECORD OF OWNERSHIP

RECORD OF OWNERSHIP	BK-VOL/PAGE		SALE DATE	Q/U	V/I	SALE PRICE	VC
DOHERTY JESSICA H & PETER J	37551	0432	01-27-2020	Q	I	1,115,000	00
PARSONS TINA M TR	32165	0535	04-07-2014	U	I	1	1F
PARSONS DONALD E & TINA M	09430	0165	07-21-1992			160,000	

PREVIOUS ASSESSMENTS (HISTORY)

Year	Code	Assessed	Year	Code	Assessed V	Year	Code	Assessed
2024	1010	1,040,300	2023	1010	900,200	2022	1010	774,600
	1010	414,800		1010	360,400		1010	333,500
	Total	1,455,100		Total	1,260,600		Total	1,108,100

EXEMPTIONS

Year	Code	Description	Amount
		Total	0.00

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm Int

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD

Nbhd	Nbhd Name	B	Tracing	Batch
0110				

NOTES

46' WIDE EASEMENT THRU PARCEL

FULL IN-LAW APT (BUILT WITH HOUSE)

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	1,017,200
Appraised Xf (B) Value (Bldg)	6,800
Appraised Ob (B) Value (Bldg)	16,300
Appraised Land Value (Bldg)	414,800
Special Land Value	0
Total Appraised Parcel Value	1,455,100
Valuation Method	C
Total Appraised Parcel Value	1,455,100

BUILDING PERMIT RECORD

Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments
21-EBP-16	01-13-2021	RS	Residential	18,500		100		RENO BATH/LNDRY
19-EBP-214	11-25-2019	RS		5,000		100		POOL CABANA/WINDOWS IN
15-0264	07-27-2015	RS	Residential	41,000		100		SOLAR PANELS 65
436	08-21-2001	RS	Residential	16,000	06-13-2002	100		B.G. POOL

VISIT / CHANGE HISTORY

Date	Id	Type	Is	Cd	Purpost/Result
07-07-2021	DF			BP	Building Permit
07-07-2020	DF			BP	Building Permit
07-07-2016	DF			BP	Building Permit
03-20-2006	GM			00	Listed
06-13-2002	GM			BP	Building Permit
06-19-1996	45			97	FY 97 Change in Value
12-08-1995	DF			00	Listed

LAND LINE VALUATION SECTION

B	Use Code	Description	Zone	Land Type	Land Units		Unit Price	Size Adj	Site Index	Cond.	Nbhd.	Nbhd. Adj	Notes	Location Adjustment	Adj Unit P	Land Value
1	1010	One Family	R		43,560	SF	6.79	1.00000	5	1.00	0110	1.400		1.0000	9.51	414,100
1	1010	One Family	R		0.650	AC	20,000.00	1.00000	5	0.05	EXAC	1.000	Easement	1.1667	1,000	700
		Total Card Land Units			1.65	AC	Parcel Total Land Area		1.65						Total Land Value	414,800

12/ 16/ / /
APJOHN NELSON G & MARY JOAN
28 HOMEWARD LANE
WALPOLE, MA 02081

12/ 15/ / /
GUPTA PRAMILA & GUPTA SHUCHI TR
GUPTA REALTY TRUST
24 HOMEWARD LN
WALPOLE, MA 02081

12/ 9/ / /
DOHERTY JESSICA H & PETER J
19 HOMEWARD LN
WALPOLE, MA 02081

12/ 10/ / /
FAIRNENY DAVID
8 HOMEWARD LN
WALPOLE, MA 02081

12/ 11/ / /
MACLEAN EVAN & NICOLE M TRS
10 HOMEWARD LANE REALTY TR
10 HOMEWARD LN
WALPOLE, MA 02081

12/ 12/ / /
BERO NICHOLAS & JEANINE
4 HORSESHOE CIR
WALPOLE, MA 02081

12/ 13/ / /
PYNE MICHAEL F & COURTNEY M
14 HOMEWARD LN
WALPOLE, MA 02081

12/ 24/ / /
GRABBE JOHN PETER TR
GRABBE REVOCABLE TRUST
3 HERITAGE DR
WALPOLE, MA 02081

12/ 22/ / /
NEVIN ROBERT & JANET M
11 HERITAGE DR
WALPOLE, MA 02081

12/ 23/ / /
HILL JOHN P & MARY M J
7 HERITAGE DRIVE
WALPOLE, MA 02081

8/ 23/ / /
GREULICH CHARLES V & KATHLEEN F
3 ORIOLE LN
WALPOLE, MA 02081

8/ 29/ / /
SULLIVAN SCOTT MICHAEL & KAREN E
6 HOMEWARD LN
WALPOLE, MA 02081

12/ 2/ / /
MOORE WILLIAM H & NANCY M
12 INDEPENDENCE DR
WALPOLE, MA 02081

12/ 7/ / /
PASS THEODORE M TR
NAKOMIS MANAGEMENT TRUST
23 HOMEWARD LN
WALPOLE, MA 02081

12/ 1/ / /
MACIEJEWSKI ALAN J & LOUISE C
8 INDEPENDENCE DR
WALPOLE, MA 02081

12/ 6/ / /
FAGAN JEFFREY P & MICAELLA P
27 HOMEWARD LN
WALPOLE, MA 02081

12/ 3/ / /
GRIFFIN JOHN A JR & SANDRA L
16 INDEPENDENCE DR
WALPOLE, MA 02081

8/ 78/ / /
DRISCOLL JAMES P III & PAMELA M
18 NORTHWOOD DR
WALPOLE, MA 02081

8/ 22/ / /
KING DONNA FRANCES TR
KING DONNA F LIVING TRUST
7 HOMEWARD LN
WALPOLE, MA 02081

8/ 21/ / /
HALL LAWRENCE R & MAUREEN F TRS
HALL REVOCABLE TRUST
7 INDEPENDENCE DR
WALPOLE, MA 02081

12/ 14/ / /
SCENA VICTOR H & KAREN E TRS
SCENA FAMILY TRUST
20 HOMWARD LN
WALPOLE, MA 02081

12/ 21/ / /
TORAN ROBERT & CATHERINE
15 HERITAGE DR.
WALPOLE, MA 02081

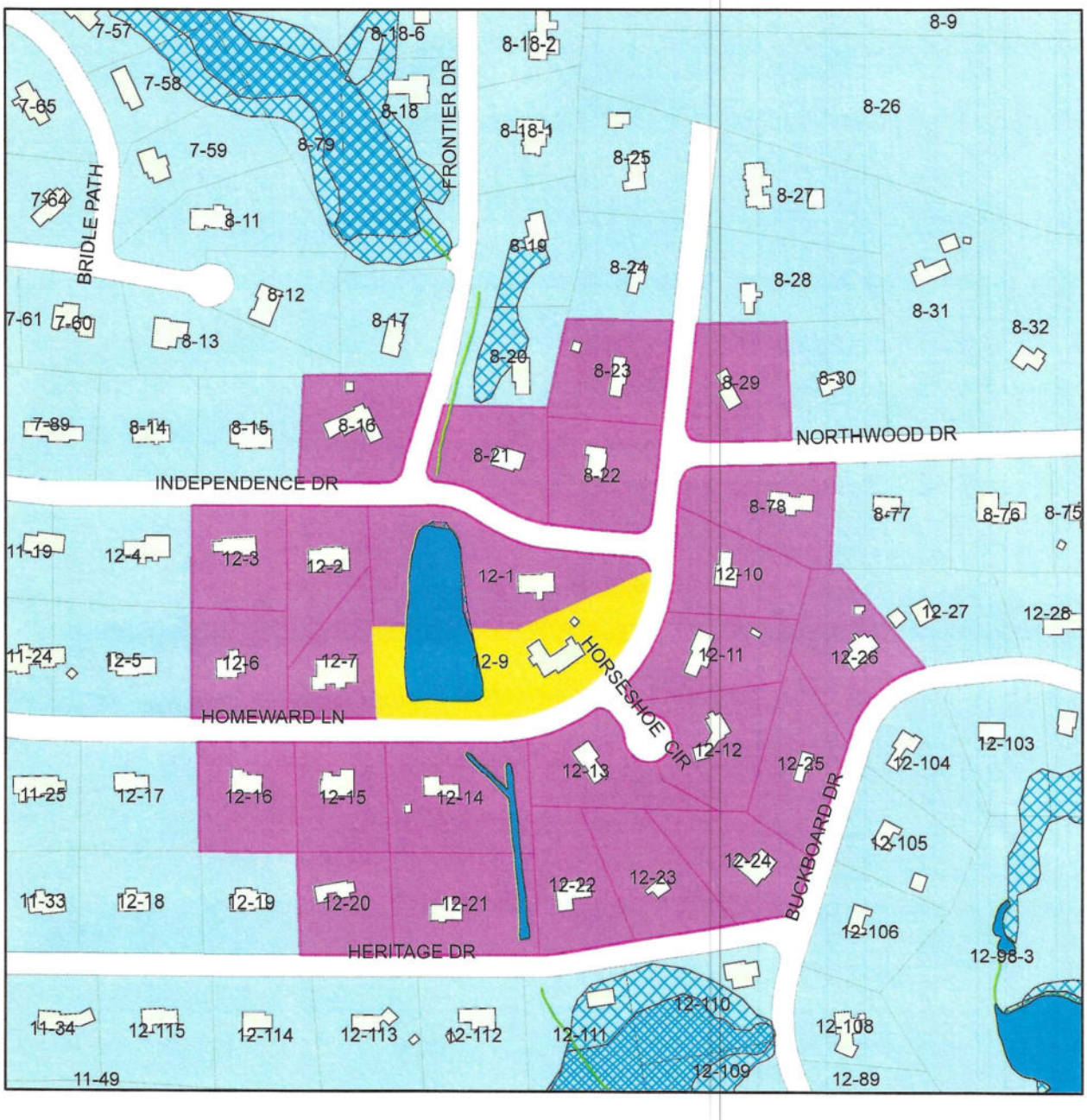
12/ 20/ / /
MCNAMARA JOHN G & MARIE K
19 HERITAGE DRIVE
WALPOLE, MA 02081

8/ 16/ / /
KANNENGIESER JAMES C &
MEGHAN C RICCI
11 INDEPENDENCE DR
WALPOLE, MA 02081

12/ 26/ / /
RONAN JAMES B & MAURA E
19 BUCKBOARD DR
WALPOLE, MA 02081

12/ 25/ / /
KANE ASHLEY
BLANDINO JARED
23 BUCKBOARD DR
WALPOLE, MA 02081

12-9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BRIDLE PATH
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NORTHWOOD DR
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INDEPENDENCE DR
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HORSESHOE CIR
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HOMEWARD LN
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12-17
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BUCKBOARD DR
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12-18
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12-20
12-21
12-106
HERITAGE DR
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CONSERVATION COMMISSION
TOWN HALL
135 School Street
Walpole, MA 02081
Phone (508) 660-7268

CERTIFIED ABUTTERS LIST REQUEST

Date: 1/29/2024

I request an abutter's list within 300 feet of the site of intent for the CONSERVATION COMMISSION.

Name of Applicant: Peter Doherty

Address: 19 Homeward Lane, Walpole, MA 02081

Telephone: 508-801-1649

Location: Parcel 12/1 (8 Independence Drive, Walpole, MA, 02081)

I understand that I am to pay a fee of $1.50 per abutter, to the Board of Assessors, for this list. However, if an abutter's list is required by the Board of Appeals, this same list may be used by the Conservation Commission. The list may take up to 2 weeks to generate.

Received by Assessors - Date: _____

TIME: _____

Board of Assessors
John R. Fisher, Chair
Richard J. Zaccaro, Clerk
Denise A. Ellis, Member

TOWN OF WALPOLE
Commonwealth of Massachusetts
Phone (508) 660-7315 Fax (508) 906-3598
E-mail: Assessors@walpole-ma.gov

Town Hall
135 School Street
Walpole, MA 02081

January 29, 2023

I, Dennis J. Flis, Director of Assessing for the Board of Assessors in the Town of Walpole, hereby certify that the following are the current owners as of January 1, 2024; for FY 24.

Owner: Maciejewski Alan J. & Louise C.

This land being shown on the Assessors Map for the Town of Walpole as:

Parcel: 12/1 Address: 8 Independence Drive

Together with the attached lists of owners of all adjoining land of said abutters within 300 feet of the property line.

Dennis J. Flis
Director of Assessing

Attachments

Property Location 8 INDEPENDENCE DR | Map ID 12/ 1/ / / | Bldg Name | State Use 1010
Vision ID 5789 | Account # A161524003 | Bldg # 1 | Sec # 1 of 1 | Card # 1 of 1 | Print Date 1/29/2024 11:22:13 A

CURRENT OWNER

MACIEJEWSKI ALAN J & LOUISE C

8 INDEPENDENCE DR

WALPOLE MA 02081

Building Address:
8 INDEPENDENCE DR

TOPO	UTILITIES	STRT / ROAD	LOCATION
1 Level	2 Public Water	1 Paved	2 Suburban
4 Rolling	3 Public Sewer		

SUPPLEMENTAL DATA

Alt Prcl ID		Attached Document	
Census	4113:		
Old ID	45		
Lot #			
Lot Size	1.6600	Plans	
Photo			
GIS ID	F_721439_2889792	Assoc Pid#	

CURRENT ASSESSMENT

Description	Code	Assessed	Assessed
RES BLDG	1010	642,900	642,900
RES LAND	1010	414,800	414,800
	Total	1,057,700	1,057,700

WALPOLE, MA
Board of Assessors
135 School St
Walpole, MA 02081
(508) 660-7315

VISION GOVERNMENT SOLUTIONS

RECORD OF OWNERSHIP

RECORD OF OWNERSHIP	BK-VOL/PAGE		SALE DATE	Q/U	V/I	SALE PRICE	VC
MACIEJEWSKI ALAN J & LOUISE C	12233	0327	01-29-1998	Q	I	373,875	00
BERNARDI JOSEPH G III & LYNNE A	09430	0151	07-21-1992			160,000	

PREVIOUS ASSESSMENTS (HISTORY)

Year	Code	Assessed	Year	Code	Assessed V	Year	Code	Assessed
2024	1010	642,900	2023	1010	573,700	2022	1010	486,800
	1010	414,800		1010	360,400		1010	333,500
	Total	1,057,700		Total	934,100		Total	820,300

EXEMPTIONS

Year	Code	Description	Amount
		Total	0.00

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm Int

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD

Nbhd	Nbhd Name	B	Tracing	Batch
0110				

NOTES

46' wide easement thru parcel

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	639,400
Appraised Xf (B) Value (Bldg)	3,500
Appraised Ob (B) Value (Bldg)	0
Appraised Land Value (Bldg)	414,800
Special Land Value	0
Total Appraised Parcel Value	1,057,700
Valuation Method	C
Total Appraised Parcel Value	1,057,700

BUILDING PERMIT RECORD

Permit Id	Issue Date	Type	Description	Amount	Insp Date	% Comp	Date Comp	Comments

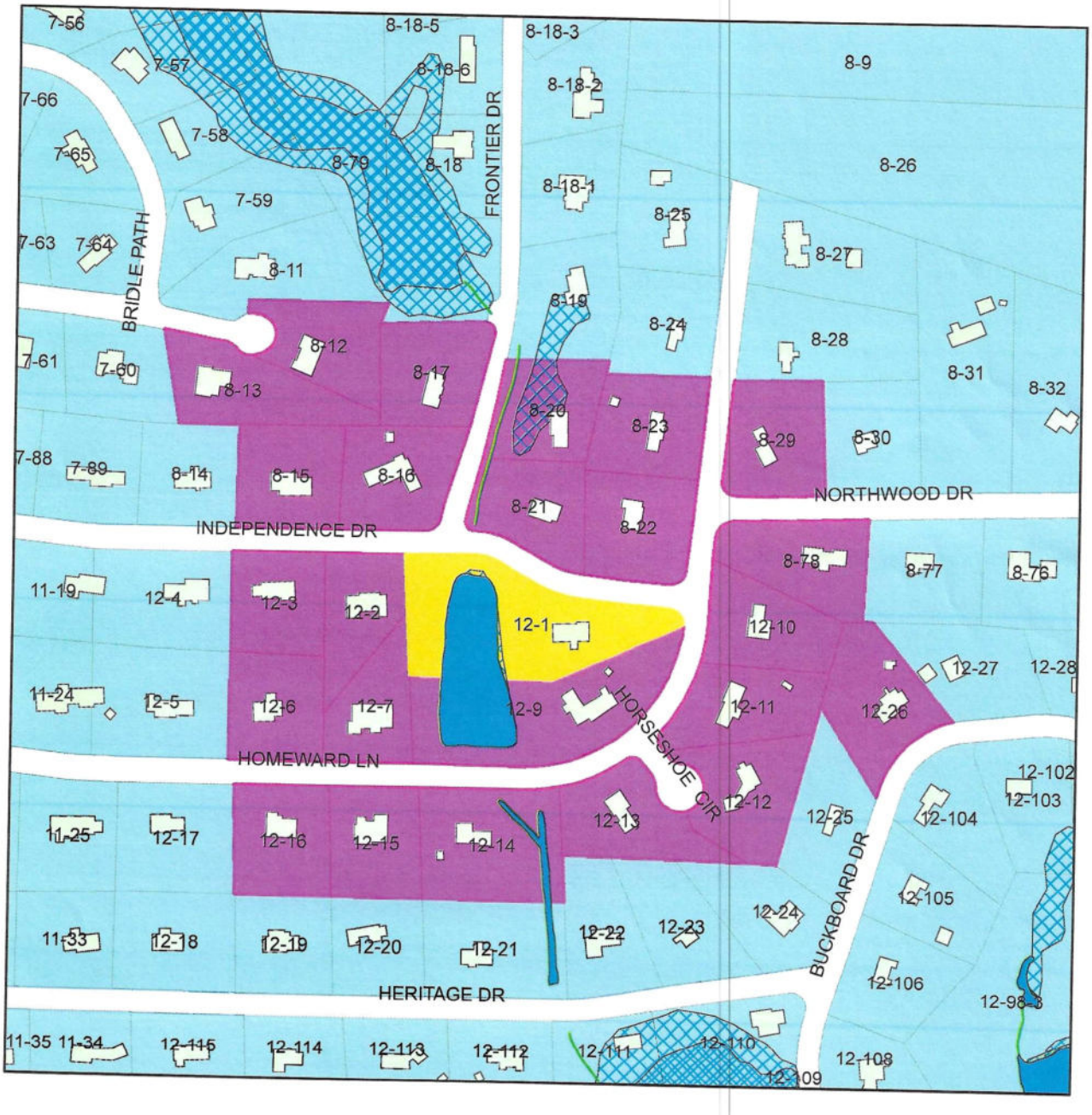
VISIT / CHANGE HISTORY

Date	Id	Type	Is	Cd	Purpost/Result
09-08-2020	VV			55	Exemption
11-11-2014	EX			EX	Excess Ac
03-20-2006	GM			00	Listed
06-03-1998	41			99	FY 99 Change in Value
06-20-1996	45			97	FY 97 Change in Value
08-01-1995	JD			00	Listed

LAND LINE VALUATION SECTION

B	Use Code	Description	Zone	Land Type	Land Units		Unit Price	Size Adj	Site Index	Cond.	Nbhd.	Nbhd. Adj	Notes	Location Adjustment	Adj Unit P	Land Value
1	1010	One Family	R		43,560	SF	6.79	1.00000	5	1.00	0110	1.400		1.0000	9.51	414,100
1	1010	One Family	R		0.660	AC	20,000.00	1.00000	5	0.05	EXAC	1.000	Easement	1.0000	1,000	700
		Total Card Land Units			1.66	AC	Parcel Total Land Area			1.66					Total Land Value	414,800

12/1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INDEPENDENCE DR
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HORSESHOE CIR
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HOMEWARD LN
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12-14
BUCKBOARD DR
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12-22
12-23
12-106
12-98-3
HERITAGE DR
11-35
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12/ 16/ / /
APJOHN NELSON G & MARY JOAN
28 HOMEWARD LANE
WALPOLE, MA 02081

12/ 15/ / /
GUPTA PRAMILA & GUPTA SHUCHI TR
GUPTA REALTY TRUST
24 HOMEWARD LN
WALPOLE, MA 02081

8/ 17/ / /
BAUMANN THOMAS & MEGAN
8 FRONTIER DR
WALPOLE, MA 02081

8/ 13/ / /
PASTORE JOHN H & CHARLENE F TRS
PASTORE REALTY TRUST
11 FREEDOM WAY
WALPOLE, MA 02081

12/ 9/ / /
DOHERTY JESSICA H & PETER J
19 HOMEWARD LN
WALPOLE, MA 02081

12/ 10/ / /
FAIRNENY DAVID
8 HOMEWARD LN
WALPOLE, MA 02081

12/ 11/ / /
MACLEAN EVAN & NICOLE M TRS
10 HOMEWARD LANE REALTY TR
10 HOMEWARD LN
WALPOLE, MA 02081

12/ 12/ / /
BERO NICHOLAS & JEANINE
4 HORSESHOE CIR
WALPOLE, MA 02081

12/ 13/ / /
PYNE MICHAEL F & COURTNEY M
14 HOMEWARD LN
WALPOLE, MA 02081

8/ 23/ / /
GREULICH CHARLES V & KATHLEEN F
3 ORIOLE LN
WALPOLE, MA 02081

8/ 29/ / /
SULLIVAN SCOTT MICHAEL & KAREN E
6 HOMEWARD LN
WALPOLE, MA 02081

12/ 2/ / /
MOORE WILLIAM H & NANCY M
12 INDEPENDENCE DR
WALPOLE, MA 02081

12/ 7/ / /
PASS THEODORE M TR
NAKOMIS MANAGEMENT TRUST
23 HOMEWARD LN
WALPOLE, MA 02081

12/ 1/ / /
MACIEJEWSKI ALAN J & LOUISE C
8 INDEPENDENCE DR
WALPOLE, MA 02081

12/ 6/ / /
FAGAN JEFFREY P & MICAELLA P
27 HOMEWARD LN
WALPOLE, MA 02081

12/ 3/ / /
GRIFFIN JOHN A JR & SANDRA L
16 INDEPENDENCE DR
WALPOLE, MA 02081

8/ 78/ / /
DRISCOLL JAMES P III & PAMELA M
18 NORTHWOOD DR
WALPOLE, MA 02081

8/ 22/ / /
KING DONNA FRANCES TR
KING DONNA F LIVING TRUST
7 HOMEWARD LN
WALPOLE, MA 02081

8/ 21/ / /
HALL LAWRENCE R & MAUREEN F TRS
HALL REVOCABLE TRUST
7 INDEPENDENCE DR
WALPOLE, MA 02081

8/ 20/ / /
FORD JEFFREY W & VAN SCIVER WHIT
7 FRONTIER DR
WALPOLE, MA 02081

12/ 14/ / /
SCENA VICTOR H & KAREN E TRS
SCENA FAMILY TRUST
20 HOMWARD LN
WALPOLE, MA 02081

8/ 16/ / /
KANNENGIESER JAMES C &
MEGHAN C RICCI
11 INDEPENDENCE DR
WALPOLE, MA 02081

8/ 15/ / /
DEVINE MELISSA B & PATRICK T
15 INDEPENDENCE DR
WALPOLE, MA 02081

12/ 26/ / /
RONAN JAMES B & MAURA E
19 BUCKBOARD DR
WALPOLE, MA 02081

8/ 12/ / /
SAUNDERS KIRSTEN R TR
KIRSTEN R SAUNDERS REVOCABLE
TRU
15 FREEDOM WAY
WALPOLE, MA 02081