



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**



December 17, 2021

Mr. Tyler Carlson
Innovative Mosquito Management, Inc.
P.O. Box 1304
Madison, CT 064423
tyler@innovativemosquito.com

Project: Aquatic Plant Control at Indian Pond (aka Davis Pond) for Using Mowing and Spot Treatment of Imazpyr to Control *Phragmites australis* and Controlling Algae using Copper Ethanolamine in East Lyme, Connecticut
NDDB Determination No.: 202111962

Dear Tyler Carlson,

I have reviewed Natural Diversity Data Base maps and files regarding the area delineated on the map provided for Aquatic Plant Control at Indian Pond (aka Davis Pond) for using mowing and spot treatment of Imazpyr to control *Phragmites australis* and controlling algae using Copper Ethanolamine in East Lyme, Connecticut. According to our information there are records of State Endangered *Xyris smalliana* (Small's yellow-eyed grass) in the immediate vicinity of this project. Additional information provided to the NDDB Program in 2019 indicated the salinity of Indian Pond would not provide suitable habitat for this plant. Specifically, the salinity in the pond was increased in order to discourage *Phragmites*. Given the increased salinity in Indian Pond, I would concur that it is unlikely that this State Endangered plant species would be found in the treatment area. Therefore, I do not anticipate negative impacts to State-listed species (RCSA Sec. 26-306) resulting from your proposed activity given this new information. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

This determination is good for two years. Please re-submit an NDDB Request for Review if the scope of work changes or if work has not begun on this project by December 31, 2023.

Natural Diversity Data Base information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey and cooperating units of DEEP, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the Data Base should not be substitutes for on-site surveys required for environmental assessments. Current research projects and new contributors continue to identify additional populations of species and locations of habitats of concern, as well as, enhance existing data. Such new information is incorporated into the Data Base as it becomes available. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at (860) 424-3592, or dawn.mckay@ct.gov. Thank you for consulting the Natural Diversity Data Base.

Sincerely,

Dawn M. McKay
Environmental Analyst 3



**Connecticut Department of
Energy & Environmental Protection**

Applicant Compliance Information

DEEP ONLY

App. No. _____
Co./Ind. No. _____

Applicant Name: Innovative Mosquito Management, Inc.

Mailing Address: P.O. Box 1304

City/Town: Madison

State: CT

Zip Code: 06443

Business Phone: 203-245-7015

ext.:

Contact Person: Tyler Carlson

Phone: 203-245-7015 ext.

***E-mail: tyler@innovativemosquito.com**

If you answer yes to any of the questions below, you must complete the Table of Enforcement Actions on the reverse side of this sheet as directed in the instructions for your permit application.

- A. During the five years immediately preceding submission of this application, has the applicant been convicted in any jurisdiction of a criminal violation of any environmental law?

☐ Yes ☒ No

- B. During the five years immediately preceding submission of this application, has a civil penalty been imposed upon the applicant in any state, including Connecticut, or federal judicial proceeding for any violation of an environmental law?

☐ Yes ☒ No

- C. During the five years immediately preceding submission of this application, has a civil penalty exceeding five thousand dollars been imposed on the applicant in any state, including Connecticut, or federal administrative proceeding for any violation of an environmental law?

☐ Yes ☒ No

- D. During the five years immediately preceding submission of this application, has any state, including Connecticut, or federal court issued any order or entered any judgement to the applicant concerning a violation of any environmental law?

☐ Yes ☒ No

- E. During the five years immediately preceding submission of this application, has any state, including Connecticut, or federal administrative agency issued any order to the applicant concerning a violation of any environmental law?

☐ Yes ☒ No



**Connecticut Department of
Energy & Environmental Protection**
Bureau of Water Protection & Land Reuse
Land & Water Resources Division

Coastal Consistency Review Form

Please complete this form in accordance with the instructions (DEEP-INST-004). Print or type unless otherwise noted.

DEEP USE ONLY

Application No.: _____

Analyst Assigned: _____

Date Received (LWRD): _____

Part I: Project Information

1. Applicant Name: Innovative Mosquito Management, Inc.

Mailing Address: P.O. Box 1304

City/Town: Madison

State: CT

Zip Code: 06443

Business Phone: 203-245-7015

ext.:

Fax:

Contact Person: Tyler Carlson

Phone: 203-245-7015

ext.

E-mail: tyler@innovativemosquito.com

2. Preparer Name: Same

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Fax:

Contact Person:

Phone:

ext.

E-mail:

3. Street Address or Description of Location of the Project Site:

Manwaring Rd

City or Town: East Lyme

4. Brief Project Description:

Invasive plant management and algae management

5. Is the project located within the coastal boundary as defined in CGS section 22a-94(b)?

☒ Yes ☐ No

If you answered **Yes** to this question, complete the entire form.

If you answered **No** to this question, and your project is located in a coastal area, skip Parts II through V and complete Parts VI, VII and VIII.

Part I: Project Information (continued)

Has an endangered or threatened species review for this proposed activity been prepared or submitted as part of another DEEP license application? ☒ Yes ☐ No

If Yes, proceed to Part II; if No, complete the question below.

6. ENDANGERED OR THREATENED SPECIES: According to the most current "State and Federal Listed Species and Natural Communities Map", is the activity which is the subject of this application located within an area identified as a habitat for endangered, threatened or special concern species?

☒ Yes ☐ No Date of Map: 7/16/2021

If yes, complete and submit a [Request for NDDDB State Listed Species Review Form](#) (DEEP-APP-007) to the address specified on the form, **prior** to submitting this application. **Please note NDDDB review generally takes 4 to 6 weeks and may require additional documentation from the applicant. A copy of the completed Request for NDDDB State Listed Species Review Form and the CT NDDDB response must be submitted with this completed application.**

For more information visit the DEEP website at www.ct.gov/deep/nddbrequest or call the NDDDB at 860-424-3011.

Part II: Identification of Applicable Coastal Use and Activity Policies and Standards

Identify all statutory goals and policies in or referenced by Section 22a-92 of the Coastal Management Act applicable to the proposed activities by checking the applicable boxes in the following table.

- ☒ General Development* - CGS Sections 22a-92(a)(1), 22a-92(a)(2), 22a-92(a)(9), 22a-92(a)(9)
- ☐ Water-Dependent Uses - CGS Sections 22a-92(a)(3), 22a-92(b)(1)(A)
- ☐ Ports and Harbors - CGS Section 22a-92(b)(1)(C)
- ☐ Coastal Structures and Filling - CGS Section 22a-92(b)(1)(D)
- ☐ Dredging and Navigation - CGS Sections 22a-92(c)(1)(C), 22a-92(c)(1)(D)
- ☐ Boating - CGS Section 22a-92(b)(1)(G)
- ☐ Fisheries - CGS Section 22a-92(c)(1)(I)
- ☐ Coastal Recreation And Access - CGS Sections 22a-92(a)(6), 22a-92(c)(1)(j), 22a-92(c)(1)(K)
- ☐ Sewer and Water Lines - CGS Section 22a-92(b)(1)(B)
- ☐ Fuel, Chemicals And Hazardous Materials - CGS Sections 22a-92(b)(1)(C), 22a-92(b)(1)(E), 22a-92(c)(1)(A)
- ☐ Transportation - CGS Sections 22a-92(b)(10)(F), 22a-92(c)(1)(F), 22a-92(c)(1)(G), 22a-92(c)(1)(H)
- ☐ Solid Waste - CGS Section 22a-92(a)(2)
- ☐ Dams, Dikes and Reservoirs - CGS Section 22a-92(a)(2)
- ☐ Cultural Resources - CGS Section 22a-92(b)(1)(J)
- ☐ Open Space and Agricultural Lands - CGS Section 22a-92(a)(2)

* applicable to all proposed activities

Part III: Consistency With Applicable Statutory Coastal Use and Activity Goals and Policies

Explain how the proposed activity is consistent with the applicable coastal activities goals and policies identified in Part II and describe any mitigation necessary to offset adverse impacts.

Part IV: Identification of Applicable Coastal Resources and Coastal Resource Policies

Identify the coastal resources and associated statutory policies that apply to your project by checking the applicable boxes in the following table.

Coastal Resources	on-site	adjacent to work site	off-site but potentially affected by the project
General Resources* - CGS Sections 22a-93(7), 22a-92(a)(2)	X	X	X
Beaches & Dunes - CGS Sections 22a-93(7)(C), 22a-92(b)(2)(C), 22a-92(c)(1)(K)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bluffs & Escarpments - CGS Sections 22a-93(7)(A), 22a-92(b)(2)(A)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Hazard Area - CGS Sections 22a-93(7)(H), 22a-92(a)(2), 22a-92(b)(2)(F), 22a-92(b)(2)(J), 22a-92(c)(2)(B), 22a-92(a)(5)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Coastal Waters & Estuarine Embayments - CGS Sections 22a-93(5), 22a-93(7)(K), 22a-93(7)(L), 22a-93(7)(G), 22a-92(a)(2), 22a-92(c)(2)(A)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Developed Shorefront - CGS Sections 22a-93(7)(I), 22a-92(b)(2)(G)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Freshwater Wetlands and Watercourses - CGS Sections 22a-93(7)(F), 22a-92(a)(2)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Intertidal Flats - CGS Sections 22a-93(7)(D), 22a-92(b)(2)(D), 22a-92(c)(1)(K)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Islands - CGS Sections 22a-93(7)(J), 22a-92(b)(2)(H)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rocky Shorefront - CGS Sections 22a-93(7)(B), 22a-92(b)(2)(B)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shellfish Concentration Areas - CGS Sections 22a-93(7)(N), 22a-92(c)(1)(I)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shorelands - CGS Sections 22a-93(7)(M), 22a-92(b)(2)(I)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tidal Wetlands - CGS Sections 22a-93(7)(E), 22a-92(a)(2), 22a-92(b)(2)(E), 22a-92(c)(1)(B)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

* applicable to all proposed activities

Part V: Consistency with Applicable Statutory Coastal Resource Goals and Policies

Explain how the proposed activity is consistent with the applicable statutory coastal resource goals and policies identified in Part IV and describe any mitigation necessary to offset adverse impacts.

Invasive plant and algae management will be beneficial to the pond and surrounding tidal wetland.

Part VI: Identification of Potential Adverse Impacts

Identify the adverse impact categories that apply to the proposed activity. Check the applicable box if the proposed activity has the potential to generate any adverse impacts defined in the Coastal Management Act and referred to in the following table. If the category is applicable to the proposed activity, you may describe in Part VII project design features which may eliminate or minimize the potential for identified adverse impacts.

Potential Resource Impacts	Applicable	Not Applicable
Characteristics & Functions of Resources - CGS Section 22a-93(15)(H)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Coastal Flooding - CGS Section 22a-93(15)(E)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Coastal Waters Circulation Patterns - CGS Section 22a-93(15)(B)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drainage Patterns - CGS Section 22a-93(15)(D)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Patterns of Shoreline Erosion and Accretion - CGS Section 22a-93(15)(C)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Visual Quality - CGS Section 22a-93(15)(F)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Water Quality - CGS Section 22a-93(15)(A)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wildlife, Finfish, Shellfish Habitat - CGS Section 22a-93(15)(G)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Potential Impacts on Water Dependent Uses	Applicable	Not Applicable
Locating a non-water-dependent use on a site suited to or planned for a water-dependent use - CGS Section 22a-93(17)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Replacing an existing water-dependent use with a non-water-dependent use - CGS Section 22a-93(17)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Siting a non-water-dependent use which reduces or eliminates public access to marine or tidal waters - CGS Section 22a-93(17)	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part VII: Consistency with Statutory Adverse Impact Policies

Explain how all potential adverse impacts identified, as applicable, in Part VI have been avoided, eliminated or minimized.

Part VIII: Remaining Adverse Impacts

Identify any adverse impacts which remain after incorporating all measures to eliminate or minimize such adverse impacts, and explain why no feasible and prudent alternatives exist that would further avoid or reduce such impacts.

If this completed form is required as part of another DEEP license application, submit this completed form as instructed on the relevant application.

If this completed form is **not** required as part of another DEEP license application, submit this completed form to:

COASTAL PLANNING
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127



**Connecticut Department of
Energy & Environmental Protection**
Bureau of Materials Management & Compliance Assurance
Engineering & Enforcement Division

Permit Application for the Use of Pesticides in State Waters

Please complete this form in accordance with section 22a-66z CGS and the [instructions](#) (DEEP-PEST-INST-200) in order to ensure the proper handling of your application. Print or type unless otherwise noted. You must submit the initial fee along with this form.

CPPU USE ONLY

App #: _____

Doc #: _____

Check #: _____

Program: Aquatic Pesticides

Part I: Application Type and Description

This application is to request (check one):

☐ One year permit ☐ Two year permit ☒ Three year permit

Note: Multi-year permits will be issued at the Department of Energy and Environmental Protection's (DEEP) discretion.

☒ Check here if DEEP has previously issued an Aquatic Pesticide Permit for this site.

Permit Number for most recent permit: AQUA-2019-252

☐ Check here if the information contained in this application is identical to the last application and the chemicals, quantities and number of treatments requested are identical to the chemicals, quantities and number of treatments permitted by the most recent permit issued.

Town where site is located: Niantic

Brief Description of Project: Invasive plant and algae management

Part II: Fee Information

An application fee of \$200.00 **[#1009]** is to be submitted with *each* permit that you are applying for. Each site requires a separate permit. The application will not be processed without payment of the fee. If you are applying for a multi-year permit, see Part II of the [instructions](#) for information on fee payment. There is no discount for municipalities. The fee shall be non-refundable and shall be paid by check or money order to the Department of Energy and Environmental Protection.

Part III: Site Location

Name of Waterbody: Indian Pond

Street address and/or description of location: Manwaring Rd and Old Shore Rd

City/Town: Niantic

State: CT

Zip Code: 06333

Part IV: Applicant Information

- If an applicant is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the applicant's name shall be stated **exactly** as it is registered with the Secretary of State. This information can be accessed at [CONCORD](http://www.concord-sots.ct.gov/CONCORD/index.jsp). (www.concord-sots.ct.gov/CONCORD/index.jsp)
- If an applicant is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).
- If there are any changes or corrections to your company/facility or individual mailing or billing address or contact information, please complete and submit the [Request to Change Company/Individual Information](#) to the address indicated on the form. If there is a change in name of the entity holding a DEEP license or a change in ownership, contact the Office of Planning and Program Development (OPPD) at 860-424-3003. For any other changes you must contact the specific program from which you hold a current DEEP license.

1. Applicant Name: Innovative Mosquito Management, Inc.

Mailing Address: P.O. Box 1304

City/Town: Madison

State: CT

Zip Code: 06443

Business Phone: 203-245-7015

ext.:

Contact Person: Tyler Carlson

Phone: 203-245-7015 ext.

*E-mail: tyler@innovativemosquito.com

*By providing this e-mail address you are agreeing to receive official correspondence from DEEP, at this electronic address, concerning the subject application. Please remember to check your security settings to be sure you can receive e-mails from "ct.gov" addresses. Also, please notify DEEP if your e-mail address changes.

- a) Applicant Type (check one): ☐ individual ☒ *business entity ☐ federal agency
☐ state agency ☐ municipality ☐ tribal

*If a business entity:

- i) check type: ☒ corporation ☐ limited liability company ☐ limited partnership
☐ limited liability partnership ☐ statutory trust ☐ Other: _____

- ii) provide Pesticide Application Business Registration Number and Registration expiration date:

B-2029 8/31/2022

- iii) provide Secretary of the State business ID #: 0338459000 This information can be accessed at [CONCORD](#)

- iv) ☐ Check here if your business is **NOT** registered with the Secretary of State's office.

- b) Applicant's relationship to the property at which the proposed activity is to be located:

- ☐ site owner ☐ option holder ☐ lessee
☐ easement holder ☐ operator ☒ pesticide applicator
☐ other (specify): _____

- ☐ Check if any co-applicants. If so, attach additional sheet(s) with the required information as requested above.

2. Billing contact, if different than the applicant.

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

*E-mail:

Part IV: Applicant Information (continued)

3. Primary contact for departmental correspondence and inquiries, if different than the applicant.

Name:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.:

Contact Person:

Phone:

ext.

*E-mail:

4. Owner Information

- a. If known, list the name and address of all owners of the area(s) to be treated. If unsure, go to item #4b.

You can add rows to this table by using "tab" in the last row, in the last column.

Name of Owner	Address
Oak Grove Beach Community Association	5,7 Tyler Ct
	56,54,52,48,42,40,32,30,24,22,20,18 Attawan Ave
	7,19 Terrace Ave
	15,17,18,23,27,29,31,35,37 Manwaring Rd

*If an area(s) to be treated is owned or controlled by the state of Connecticut, see [instructions](#) for submitting an application to the DEEP Land Acquisition and Management Unit (LAM) for review and approval of the proposed treatment on state property. A LAM Authorization letter must be submitted as Attachment G for any application involving treatment of a waterbody that is owned or controlled by the state of Connecticut.

Part IV: Applicant Information (continued)

4b. If the applicant is unsure of who owns an area(s) to be treated, provide the name and address for all shoreline property owners located 200 feet or less from such area.

You can add rows to this table by using "tab" in the last row, in the last column.

Name of Shoreline Property Owner	Address

5. List the person or company applying the pesticides.

Name: **Innovative Mosquito Management, Inc.**

Mailing Address: P.O. Box 1304

City/Town: Madison

State: CT

Zip Code: 06443

Business Phone: 203-245-7015

ext.:

Contact Person: Tyler Carlson

Phone: 203-245-7015 ext.

E-mail: tyler@innovativemosquito.com

Certification Number: S-4989

Certification Expiration Date: 1/31/2026

Part V: Additional Information

If the applicant is submitting this application on behalf of someone else, identify the person(s) or organization(s) seeking to have pesticides applied to the treatment area(s) and provide the following information. If more than one person or organization is being represented, attach additional sheets providing the information requested below.

Name: **Oak Grove Beach Community Association**

Mailing Address: 43 Manwaring Rd

City/Town: East Lyme

State: CT

Zip Code: 06333

Business Phone:

ext.:

Contact Person: Chris Jagel

Phone: 860-989-1918 ext.

*E-mail:

Part VI: Site Information

1. **COASTAL AREA:** Is the pesticide application located in a municipality within the coastal area?

☒ Yes ☐ No (check town list in the instructions)

If yes, is the water being treated subject to the ebb and flow of the tides, or inundated by saline or brackish water at least once a month? ☒ Yes ☐ No

If the water being treated is subject to the ebb and flow of the tides, or is inundated by saline or brackish water at least once a month, you must submit a [Coastal Consistency Review Form](#) (DEEP-APP-004) with your application as Attachment C.

For assistance in determining if the water being treated is affected by tidal water as described above or in completing the Coastal Consistency Review form, contact the Office of Long Island Sound Programs (OLISP) at 860-424-3034.

2. **NATURAL DIVERSITY DATA BASE (NDDDB) - ENDANGERED OR THREATENED SPECIES:**

According to the most current "Natural Diversity Data Base Areas Maps", will the activity which is the subject of this application, including all impacted areas, be located within an area identified as, or otherwise known to be, a habitat for state listed endangered, threatened or special concern species?

☒ Yes ☐ No Date of Map: **7/16/2021**

If yes, complete and submit a [Request for NDDDB State Listed Species Review Form](#) (DEEP-APP-007) to the address specified on the form, **prior** to submitting this application. Please note NDDDB review generally takes 4 to 6 weeks and may require the applicant to produce additional documentation, such as ecological surveys, which must be completed prior to submitting this permit application. A copy of the NDDDB Determination response letter that has not expired **must** be submitted with this completed application as Attachment D. Include a copy of any mitigation measures developed for this activity and approved by NDDDB. Be aware that you must renew your NDDDB Determination if it expires before project work commences. If the required NDDDB documents are not submitted as Attachment D, your application will be deemed incomplete and may be subject to denial.

For more information visit the DEEP website at www.ct.gov/deep/nddbrequest or call the NDDDB at 860-424-3011.

3. **AQUIFER PROTECTION AREAS:** Is the site located within a town required to establish Aquifer Protection Areas, as defined in section 22a-354a through 354bb of the General Statutes (CGS)?

☒ Yes ☐ No To view the applicable list of towns and maps visit the DEEP website at www.ct.gov/deep/aquiferprotection

If yes, is the site within an area identified on a Level A or Level B map? ☐ Yes ☒ No

If your site is on a Level A or Level B map, you are not required to register under the Aquifer Protection Program, **however** you must follow proper spill control measures to prevent potential contamination of drinking water. If you should have a spill, please call the emergency hotline **immediately** at 860-424-3338.

4. **CONSERVATION OR PRESERVATION RESTRICTION:** Is the property subject to a conservation or preservation restriction? ☐ Yes ☒ No

If Yes, proof of written notice of this application to the holder of such restriction or a letter from the holder of such restriction verifying that this application is in compliance with the terms of the restriction must be submitted as Attachment F.

5. Type of area to be treated: ☒ Tidal Waters ☒ Pond or Lake ☐ Stream

6. Is the waterbody located in a public water supply watershed? (See [instructions](#)) ☐ Yes ☒ No
If Yes, DPH comments **may** be required as Attachment I to this application.

7. Is the waterbody potentially located 200 ft. or less from a public water supply well? ☐ Yes ☒ No
(See [instructions](#)) If Yes, DPH comments **must** be submitted as Attachment I to this application.

8. Where does the waterbody flow to (Name of receiving stream or waterbody)? Long Island Sound

Is the outflow usually flowing? ☒ Yes ☐ No

Can outflow be stopped? ☒ Yes ☐ No

Part VI: Site Information (continued)

You can add rows to the tables below, by using "tab" in the last row, in the last column.

9. Identify the size of the waterbody(ies) and the portion of the waterbody(ies) to be treated. Refer to the instructions .					
Name of Waterbody	Total Acres	Average Depth ft.	Total Volume Acre ft.	Total Treated Portion ²	
				Acres	Volume Acre-ft
Indian Pond	6.5	1.5	9.75	3	4.5
Indian Pond	14.5	1	14.5	0.5	0.5

10. Identify each proposed product to be used, the amount per treatment, the number of treatments and the surface area (acres) or volume (acre feet) of water to be treated with that product. If more than one waterbody will be treated, provide this information for each waterbody.					
Name of Waterbody	Full Product Name	Amount per Treatment ¹	Number of Treatments	Treated Portion ²	
				Acres	Volume Acre-ft
Indian Pond	Captain XTR	4.5 gal.	3	3	4.5
Indian Pond	Polaris AC Complete	0.75 pints	1	0.5	0.5

¹Provide quantities using only the units specified in the [instructions](#).

²If treating more than 80 acres of a single waterbody or 20 linear miles of shoreline in a calendar year, registration for approval under the [General Permit for Point Source Discharges to Waters of the State from the Application of Pesticides](#) is required. (See [instructions](#)). Such approval must be submitted as Attachment H to this application if required.

Part VI: Site Information (continued)

11. Does the waterbody have public access? ☐ Yes ☒ No
12. Is there a [state-owned boat launch](#)? ☐ Yes ☒ No
If yes, will the boat launch be used to access the waterbody? ☐ Yes ☐ No
If yes, will the boat launch be used for any purpose other than launching a boat? ☐ Yes ☐ No
If yes, see [instructions](#) for submitting an application to the DEEP Land Acquisition and Management Unit for review and approval of state property.
13. Is the waterbody stocked with fish by the state? ☐ Yes ☒ No
14. Identify use(s) of waterbody:
☐ domestic water supply ☐ irrigation ☐ watering livestock ☐ swimming ☐ fishing ☒ None
15. Are there any downstream users of the water who may be affected by treatment? ☐ Yes ☒ No
If yes, please explain:
16. Within 200 ft., inclusive, of the treatment area, are there any **private** drinking water wells 50 ft. or less from the shoreline? ☐ Yes ☒ No
17. Identify all plants or animals to be controlled: **Phragmites australis and Plantonic and Filamentous Algae**
- 18a. Identify all types of fish present: **Brashish Pond species**
- 18b. If a copper-based product will be used and there are fish species sensitive to copper, what is the alkalinity of the water to be treated?
19. Projected date(s) of pesticide use: 6/1/22-9/15/22
20. List prior years in which chemicals were applied to this waterbody:
2019,2020, and 2021

Part VII: Supporting Documents

Be sure to read the instructions (DEEP-PEST-INST-200) to determine whether the attachments listed are applicable to your specific activity. Check the applicable box below for each attachment being submitted with this application form. When submitting any supporting documents, please label the documents as indicated in this part (e.g., Attachment A, etc.) and be sure to include the applicant's name as indicated on this application form.

- ☒ Attachment A: An 8-1/2" x 11" legible copy or original of a USGS Topographic Quadrangle Map (scale 1:24,000) indicating the exact location of the area to be treated.
- ☒ Attachment B: [Applicant Compliance Information Form](#) (DEEP-APP-002), if applicable.
- ☒ Attachment C: [Coastal Consistency Review Form](#) (DEEP-APP-004), if applicable.
- ☒ Attachment D: A copy of the NDDDB Determination response letter that has not expired, if applicable. Include a copy of any mitigation measures developed for this activity and approved by NDDDB. Do *not* submit any NDDDB Preliminary Site Assessments with your application. Be aware that you must renew your NDDDB Determination if it expires before project work commences.
- ☒ Attachment E: Verification of Notification to Local Inland Wetland Agency:
- 1) copy of a certified mail receipt, or
 - 2) a copy of the application stamped and dated as received by the local inland wetlands agency, or
 - 3) an e-mail from the local inland wetlands agency verifying that this completed application has been sent to such agency.
- For multiple applications submitted to the local inland wetlands agency under one certified mail receipt, please attach a copy of the certified mail receipt to each application.
 - For multiple applications submitted to the local inland wetlands agency under one email, the e-mail from the agency clearly confirming receipt of each application.
- Refer to the [instructions](#).
- ☐ Attachment F: Conservation or Preservation Restriction Information, if applicable.
- ☐ Attachment G: DEEP Land Management Unit's Authorization letter for treatment of a state-owned or controlled waterbody and/or use of a state-owned boat launch, if applicable.
- ☐ Attachment H: Approval under the [General Permit for Point Source Discharges to Waters of the State from the Application of Pesticides](#), if applicable.
- ☐ Attachment I: Department of Public Health comments if the proposed treatment area(s) is located 200 ft. or less from a public water supply well or if the waterbody is located within a public water supply watershed and the application proposes the use of flumioxazin or triclopyr, if applicable.

Please note that local inland wetlands agencies may have additional requirements pertaining to the application of aquatic pesticides to waterbodies located under their jurisdiction.

Part VIII: Application Certification

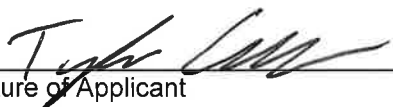
The applicant *and* the individual(s) responsible for actually preparing the application must sign this part. An application will be considered insufficient unless *all* required signatures are provided. Please also check the box and provide the date for which you sent one copy of this completed application to the appropriate local inland wetland agency.

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief.

I understand that a false statement in the submitted information may be punishable as a criminal offense, in accordance with section 22a-6 of the General Statutes, pursuant to section 53a-157b of the General Statutes, and in accordance with any other applicable statute.

I certify that this application is on complete and accurate forms as prescribed by the commissioner without alteration of the text.

☐ I also certify that I have sent one copy of this completed application to the appropriate local inland wetland agency on 1/18/2022 "_____"
Date



Signature of Applicant

1/18/2022
Date

Tyler Carlson

Name of Applicant (print or type)

Operations Manager

Title (if applicable)

Signature of Preparer (if different than above)

Date

Name of Preparer (print or type)

Title (if applicable)

☐ Check here if additional signatures are required. If so, please reproduce this sheet and attach signed copies to this sheet.

Note: Please submit this completed Application Form, Fee, and all Supporting Documents to:

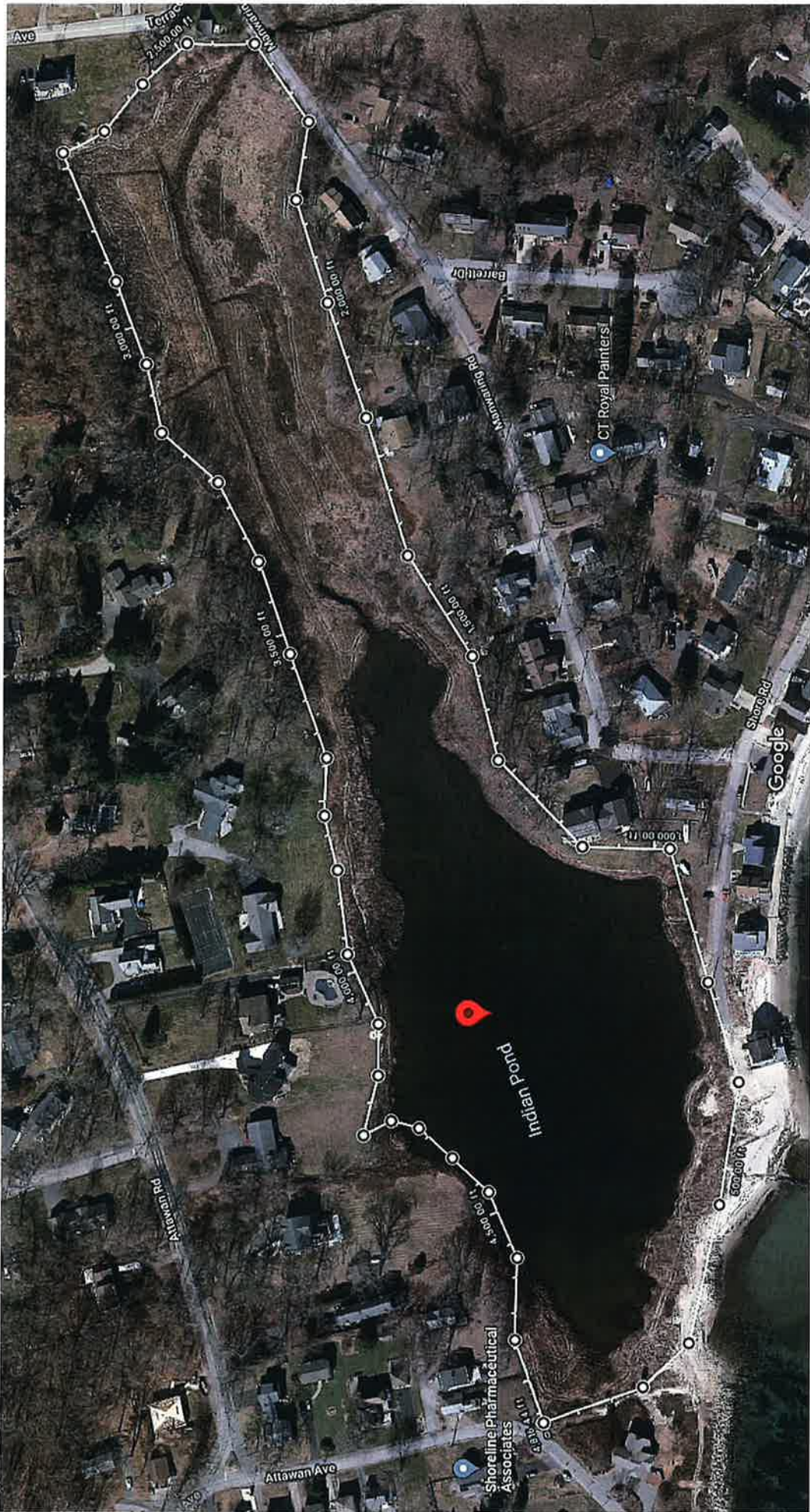
CENTRAL PERMIT PROCESSING UNIT
DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION
79 ELM STREET
HARTFORD, CT 06106-5127

Please also submit a copy of this completed application to the local inland wetlands agency.



Measure distance
Total area: 279,112.39 ft² (25,930.39 m²)
Total distance: 2,626.01 ft (800.41 m)

Indian Pond



Imagery ©2022 Google, Imagery ©2022 Maxar Technologies, New York GIS, U.S. Geological Survey, USDA Farm Service Agency, Map data ©2022 100 ft

Measure distance
Total area: 629,799.23 ft² (58,510.26 m²)
Total distance: 4,816.44 ft (1.47 km)

