MAILING ADDRESS: 207 BISHOP ST NEW HAVEN, CT 06511

II. EAST HADDAM INLAND WETLANDS AND WATERCOURSES COMMISSION APPLICATION FORM **Please fill out all pages**

DATE RECEIVED 6/11/24 **FEE RECEIVED** 135.00

APPLICATION NO. 24-17

NAME OF APPLICANT Malini Harigopal / KAILASNATH PURUSHOTHAMAN

HOME ADDRESS 67 Main St. **PHONE** 203-606-9600 (KP) 203-606-7745 (MH)

BUSINESS ADDRESS _____ **PHONE** _____

EMAIL MALINI.HARIGOPAL@YALE.EDU / KAILASNATH.PURUSHOTHAMAN@YALE.EDU

RECORD OWNER _____

HOME ADDRESS _____ **PHONE** _____

BUSINESS ADDRESS _____ **PHONE** _____

APPLICANT'S INTEREST IF NOT THE OWNER _____

PROPERTY LOCATION 67 Main St

ASSESSOR'S MAP NO. 26 **LOT NO.** 12 **LOT SIZE** _____

THE PURPOSE AND A DESCRIPTION OF THE PROPOSED ACTIVITY

Patio

ACREAGE OF WETLANDS AND WATERCOURSES PROPOSED TO BE ALTERED

_____ **ACRES or** _____ **SQUARE FEET**

ACREAGE OF UPLAND REVIEW AREA PROPOSED TO BE ALTERED

_____ **ACRES or** _____ **SQUARE FEET**

SOIL TYPE (S) _____ **ACRES or** _____ **SQUARE FEET**

LINEAL FEET OF STREAM ALTERATION PROPOSED _____ **FEET**

ACREAGE OF WETLANDS OR WATERCOURSES CREATED _____ **ACRES or** _____ **SQUARE FEET**

____Yes ___ No___ Is work proposed in or near (400 ft) of the vernal pool area? (If yes see and fill out forms in Appendices C&D)

____ Are all erosion and sediment control measures clearly drawn on the map(s) and described in the narrative?

____Other management practices and mitigation measures which may be considered as a condition of issuing a permit for the proposed regulated activity including, but not limited to, measures to
(1) prevent or minimize pollution or other environmental damage,

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(2) maintain or enhance existing environmental quality, or

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(3) in the following order of priority: restore, enhance and create productive wetlands

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____Alternatives considered and subsequently rejected by the applicant and why the alternative as set forth in the application was chosen; all such alternatives shall be diagramed on a site plan or drawing.

____ Site plans showing the existing condition and the proposed activity in relation to wetlands and watercourses and identifying any further activities associated with, or reasonably related to, the proposed regulated activity which are made inevitable by the proposed regulated activity and which may have an impact on wetlands or watercourses;

____ A description of the proposed construction or the erection of structures on the affected property, including blueprints, engineering and architectural plans or designs, where available or reasonably attainable. Such descriptions shall include the purposes of such construction or activity.

____ Names and mailing addresses of adjacent landowners within 100 feet of all property lines. Supply on a separate sheet.

____ A completed DEP reporting form; the Agency may revise or correct the information provided by the applicant and submit the form to the Commissioner of Environmental Protection in accordance with Section 22a-39-14 of the Regulations of Connecticut State Agencies;

____ Any other information the Agency deems necessary to the understanding of what the applicant is proposing; and

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____Submission of the appropriate filing fee based on the fee schedule established in the Town of East Haddam Ordinance Book and listed in Appendix F of these regulations;

____ For subdivision and resubdivision applications, the applicant shall submit an application that includes all of the criteria for a complete Planning and Zoning application, including the mapping and narrative in the Four Step Process to create a Subdivision required in Section 3 of the East Haddam subdivision Regulations.

I, the undersigned, under penalties of false statement, hereby certify,

1) that the information supplied herein is accurate

2) that I am familiar with the Inland/Wetlands Regulations of the Town of East Haddam

3) that I will comply with said Inland/Wetlands Regulations in all respects

4) that any permit or approval granted to me is predicated upon this application and all documentation and testimony in support hereof, and that any error, omission, or misrepresentation may be grounds for subsequent rescission or modification of said permits or approval/and

5) I understand that the issuance of this permit shall not be considered to constitute compliance with any other regulation (s), ordinance (s) or law nor relieve the undersigned from the responsibility to obtain any permits hereunder.

Signature of Owner Karl Nath P

Authorized Agent _____

Date 06-13-2024

For Office Use Only:

Date that map (s) and fee are received _____

On-Site Inspection Date _____

Additional Notes _____

NO FEWER THAN FIFTEEN (15) COPIES OF THE APPLICATION, PROPOSED PLANS AND REPORTS SHALL BE SUBMITTED FOR REVIEW.

Appendix E Fee Schedule

A. **Permits**

1. Residential accessory buildings, and uses

a. Declaratory Ruling – permitted uses.....	0
b. Summary Ruling...(application)	$75
c. Plenary Ruling (when a public hearing is involved)	$200
Also, per every 100 square feet of disturbed regulated area (wetlands and watercourses) in which an activity is proposed.	$50

2. Residential - New house or major reconstruction. Major reconstruction is considered work valued at 50% or greater of the present structure

a. Declaratory permitted uses	0
b. Summary Ruling (application)	$75
c. Plenary Ruling (when a public hearing is involved)	$200
Also, per every 100 square feet of proposed disturbance in the upland review area (100 feet from the regulated area) in which the activity is proposed.	$25
Per every 100 square feet of disturbance in the regulated area (wetlands and watercourses) in which the activity is proposed.	$50

3. Commercial Use

a. Declaratory Ruling – permitted uses.....	0
b. Summary Ruling	$200
c. Plenary Ruling.....	$300
Also, per every 100 square feet of disturbance in the 100 foot upland review area in which the activity is proposed	$50
Per every 100 square feet of disturbance in the regulated area in which an activity is proposed...	$100

4. Modification of a previous approval..... $75

5. Wetlands Map Amendments..... $200

B. Subdivision Review - per lot fee

1. Per lot fee
   a. 2-5 lots..... $100

   b. 6-10 lots..... $200

   c. 11 or more lots..... $300

2. Any activity (ies) requiring permitting will include the following fees.
   a. Per every 100 square feet of <u>proposed</u> disturbance of the 100 foot upland review area in which the activity is proposed. $50

   b. Per every 100 square feet of <u>proposed</u> disturbance of the regulated area in which an activity is proposed. $100

<u>Resubmitted Plans</u>
Each time plans are resubmitted with substantial new and revised information there shall be charged a flat fee charge of $50 per lot re-submittal fee. This flat fee is for the entire proposal and not just for the lots affected.

C. The applicant or the agent shall submit calculations of the area for the amount of work proposed in the upland review area and the regulated area. The Inland Wetlands Enforcement Officer or the Town Engineer will review the calculations.

D. Public Act 235 - per application **$60**

Appendix C - Vernal Pool Inventory Worksheet - please supply one sheet per vernal pool

Applicant name _____

Property address _____

Approximate location of the vernal pool _____

Physical Characteristics

Size of Vernal Pool - Surface area measured from the perimeter of the high water line.

Greater than 2,500 ft² _____

1,000 – 2,500 ft² _____

Less than 1,000 ft² _____

Size of Upland Habitat - Amount of undisturbed forest adjacent to the pool or system. (Intact canopy and natural ground cover)

Greater than 30 acres _____

20 – 30 acres _____

15 – 20 acres _____

Less than 15 acres _____

Road Proximity - Distance to closest road.

Less than 500 feet _____

Greater than 500 feet _____

Greater than 1,000 feet _____

Closest Road Composition

Road is paved _____

Road has curbs _____

Connectivity to other Vernal Pools - Distance to next closest vernal pool.

Less than 500 feet to one other pool _____

Less than 1,000 feet to two or more pools _____

Biological Characteristics

Observation Obligate Vertebrate Vernal Pool Species	(Presence of) Eggs	Larvae	Adults
Spotted salamander *(Ambystoma maculatum)*	____	____	____
Jefferson salamander *(Ambystoma jeffersonianum)*	____	____	____
Marbled salamander *(Ambystoma opacum)*	____	____	____
Wood frog *(Rana sylvatica)*	____	____	____
Eastern Spadefoot Toad *(Scaphiopus h. holbrookii)*	____	____	____
Invertebrate Vernal Pool Species			
Fairy Shrimp *(Anostraca sp.)*	____	____	____

Briefly describe all of the methods used to survey the vernal pool:

List date(s) of field visit(s):

Name: _____

Signature: _____

Date: _____

Appendix D - Vernal Pool Impact Worksheet
(please supply one per vernal pool)

Applicant name: _____

Property address: _____

Approximate location of vernal pool: _____

1. Does the proposed plan involve disturbance within 100 ft of a vernal pool? _____

   a) If so, what is/are the type(s) of disturbance(s) proposed within this area?

2. Does the proposed plan involve disturbance within 400 ft of a vernal pool? _____

   a) If so, what is/are the type(s) of disturbance(s) proposed within this area?

3. Review areas versus proposed disturbed areas.

   a) What is the area, calculated in square feet, measured from the edge of the pool extending one hundred (100) feet from the edge of the pool?
   _____ sq. ft.

   What is the area that is proposed to be disturbed within the above measured area?_____ sq. ft.

   b) What is the area, calculated in square feet, measured from one hundred (100) feet from the edge of the pool to four hundred (400) feet from the edge of the pool?_____ sq. ft.

   What is the area that is proposed to be disturbed within the above measured area? _____ sq. ft.

4. Does the proposed plan involve new road construction within 400 ft. of a vernal Pool?_____

   a) If so, will the new road(s) be paved? _____

   b) Will the new road(s) be curbed? _____

   c) What is the estimated daily traffic volume from 6 p.m. to 12 a.m.? ___cars/hr

5. Does the proposed plan involve the installation of erosion and sedimentation control measures within 400 ft of a vernal pool? _____

6. Will the proposed project result in an **increase** or **decrease** in the surface or subsurface water flow to the vernal pool? _____

a) If so, by how much per 10 year storm event? _____cu ft/sec

Name: _____

Signature: _____

Date: _____

I.W.W.C.APPLICATION WORK SHEET - OFFICE USE ONLY

Applicant's Name _____

Proposed Activity _____

Location: _____ M_____ L____

Land Surveyor/Engineer: _____

Attorney: _____

Date of receipt _____ Complete Application _____

Decision w/in 65 days _____

If P.H. is held/to be w/in 65 days of receipt _____

Legal notice in papers _____

Notice to interested parties and abutting properties _____

P.H. to be completed w/in 35 days _____

Decision w/in 35 days _____

Extensions (can only total 65 days) _____

Decisions published 15 days _____

Applicant notified by certified mail 15 days _____