

Inland Wetlands and Watercourses Commission

Revised 3/14/2023

Application # 23-11 Date received by Office 6/23/23 Fee \$130

Owner of Record Anne Kingston + Steven Schneider

Home Address 9 River Road, Essex, CT 06426

Mailing Address: 9 River Road, Essex, CT 06426

Phone: Home/Cell 860-876-0151 Work: _____

Applicant's Name: Anne Kingston + Steven Schneider

Home Address 9 River Road, Essex, CT 06426

Mailing Address: 9 River Road, Essex, CT 06426

Phone: Home/Cell 860-876-0151 Work: _____

Email: Annie.evans.kingston@gmail.com

Applicant's interest in the land if the applicant is not the property owner _____

Location of Property by Street & Village Address: 9 River Road Essex

Map 17 Lot 39-1 Lot Size 4.4acre District RU

Check applicable activities occurring in or within 100 feet of wetlands and/or watercourses:

Construction of a structure(s)	_____	Discharge	_____
Other site development work	_____	Pond creation/dredging	_____
Deposition or removal of material	<input checked="" type="checkbox"/>	Tree removal	_____
Stream altering/channelization	_____	Dam maintenance	_____
Subdivision/Resubdivision	_____	Other	_____

Nature of Request: Explain in detail the extent of any activity checked above, the type of material, and the equipment to be used to complete project. (Use additional sheets if necessary.)

(See Attached)

Estimated length of time for project: 3 years + minimal preventive maintenance

Note:

- 1) TO BE ACCEPTED BY THE LAND USE OFFICE. THIS APPLICATION MUST BE COMPLETED, SIGNED, AND SUBMITTED WITH THE REQUIRED FEE(S) AND MAP(S) PREPARED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS.
- 2) THE SUBMITTAL OF THIS APPLICATION CONSTITUTES THE PROPERTY OWNER'S PERMISSION FOR THE COMMISSION OR ITS STAFF TO ENTER THE PROPERTY FOR THE PURPOSE OF INSPECTION.
- 3) I HERBY AGREE TO PAY ALL ADDITIONAL FEES AND/OR ADDRESS SUCH COSTS DEEMED NECESSARY BY THE LAND USE OFFICE AS DESCRIBED IN PART THREE OF THIS APPLICATION.

ACTIVITY LOCATION (Map with sufficient detail must be submitted as a part of the application)

Approximate number of acres of wetlands (or portion thereof) on the property: ~2.5 acres

Approximate area of inland wetlands to be altered: 1/2 acre

Approximate length of watercourse(s) on the property: 0.2 miles (~1000 feet)

Approximate length of watercourse(s) to be altered: 0 altered

Approximate number of acres of upland review area on the property: ~4 acres

Approximate area of upland review area to be altered: 0 altered

If known, are vernal pools or tidal wetlands located on the property? n/a

If yes, where and how many acres (or portion thereof) on the property? _____

Is property located within a Special Flood Hazard Area? Yes

If yes, where and how many acres (or portion thereof) on the property? ~4 acres

Has the property been flagged by a licensed soil scientist Yes (attached map)

If yes, by who, and when? Hendriks Associates, LLC. March 2002

Will there be water discharge into wetlands? No

Discharge – Specify Type No

Please complete the attached State Reporting Form

ADDITIONAL INFORMATION MAY BE REQUIRED DEPENDING UPON THE COMPLEXITY OF THE PROJECT.

State the names of all property owners adjacent to the subject property:


Name of Adjacent Property Owner	Street Address (include Mailing Address if Different)
Peter and Colette Harron	21 River Rd, Essex CT 06426

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For large properties, please attach another sheet if necessary.

CERTIFICATION:

The applicant understands that this application is to be considered complete only when all information and documents required by the Commission have been submitted. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief. Permission is granted to the Town of Essex Inland Wetlands and Watercourses Commission and its agent(s) to walk the land, at reasonable times, and perform those tests necessary to properly review the application, both before and after a final decision has been issued.

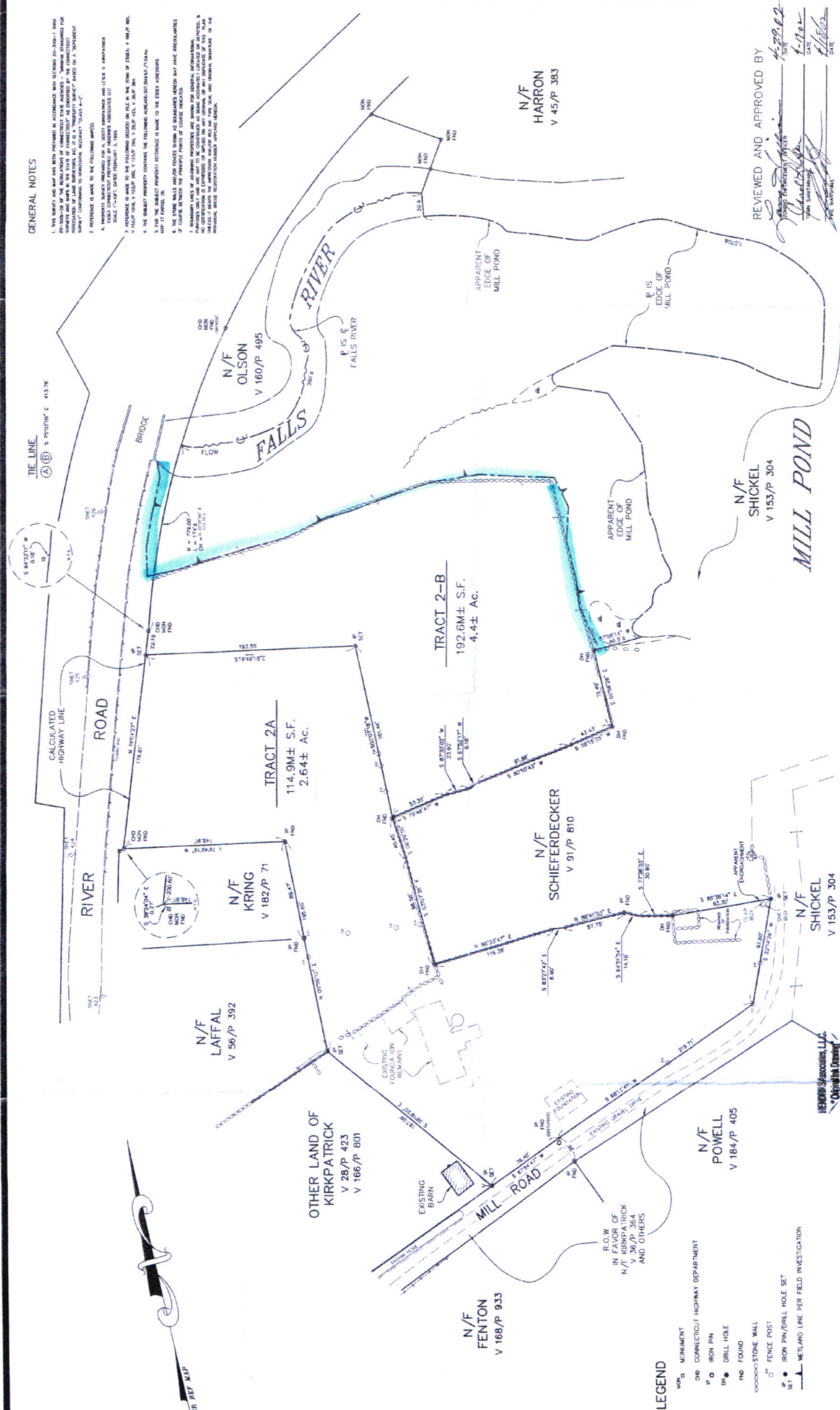
Applicant's Signature  Date 23 June 2023

Owner's Signature  Date 23 June 2023

Commission Action	_____	_____	_____
	Approved	Denied	Date
Agent Action	_____	_____	_____
	Approved	Denied	Date

GENERAL NOTES

- THIS SURVEY WAS MADE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF THE BOARD OF REGISTRY OF PROFESSIONAL SURVEYORS, STATE OF CONNECTICUT.
- THE SURVEYOR HAS REVIEWED THE RECORDS OF THE DEEDS AND RECORDS OF THE DEPARTMENT OF CONSTRUCTION AND RECORDS OF THE DEPARTMENT OF REVENUE AND HAS FOUND NO DISCREPANCIES.
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REVIEWED AND APPROVED BY
 [Signature]
 [Signature]
 [Signature]

TITLE: PROPERTY SURVEY
 MAP SHOWING THE DIVISION OF THE TRACT TWO OF PROPERTY OF
**H. SCOTT KIRKPATRICK and
 LESLIE G. KIRKPATRICK**
 ESSEX, CONNECTICUT

DATE: MARCH 21, 2002
 SCALE: 1 INCH = 40 FT.

NO.	DATE	REVISIONS

TO MY KNOWLEDGE AND BELIEF THIS MAP IS
 SUBSTANTIALLY CORRECT AS NOTED HEREON.
 ANTHONY HENDRIKS
 L.S. 10834



HENDRIKS ASSOCIATES, LLC
 Land Surveying and Land Planning Consultants
 71 Lyme Street, P.O. Box 965 Old Lyme, Conn. 06371
 (860)434-5601 (203)453-0853
 Old Lyme Guilford
 CAU: 06535655.LINC

DRAWN BY: J.M.M. CHECKED BY: A.H. CAU: 06535655.LINC



CT DEEP #PMBR.02020
CT HIC #HIC.0647669
NY DEC #13326

2 Tipping Drive, PO Box 231
Branford, CT 06405
(203) 245-1212
www.allhabitat.com

June 21, 2023

Annie Kingston and Steve
9 River Road
Essex, CT 06426

Colette and Peter Harron
21 River Road
Essex, CT 06426

Dear Annie, Steve, Colette, and Peter,

Thank you for your interest in All Habitat Services, LLC for the Japanese knotweed management needs at 9 River Road in Essex, CT (adjacent to 21 River Road). Based on our conversations and 6/20/23 site visit, we are pleased to offer the following proposal for your consideration.

The client requests control of the site's clusters of Japanese knotweed (*Reynoutria japonica*) that total an area of approximately ½ an acre in size (see attached map). The Connecticut Invasive Plant Working Group (CIPWG) has identified Japanese knotweed as an invasive plant, known for its persistence, fecundity, and ability to quickly cover an area. Japanese knotweed root systems can extend 10-20 feet deep, and the plant forms dense stands that shade out native plants and reduce wildlife habitat and biodiversity. To control the Japanese knotweed, we recommend a multi-year combined mechanical and chemical management plan.

Japanese knotweed is best controlled with the aquatic labeled herbicide Polaris AC Complete® or Arsenal® (active ingredient imazapyr) using a thin invert emulsion at a low volume rate of five gallons per acre using a backpack sprayer equipped with specialized nozzles. The herbicide will efficiently translocate into the plant's rhizome system, immediately arresting the growth cycle and limiting the extent of aboveground biomass. It will significantly reduce stem density and effectively control this stand. The herbicide would be selectively applied to avoid non-target injury and allowing any suppressed species to flourish once these competitive species are eliminated. Due to the long growing season and persistence of Japanese knotweed, we will perform an early and late season application for the duration of three years.

Mulch mowing the Japanese knotweed during plant dormancy will reduce the aboveground biomass and prepare the site for a more efficient spray application to any new growth emerging the following spring. We use heavy duty, commercial hand trimmers to cut the dead stems into a mulch. Mowing will also have an immediate impact on the area by promoting suitable conditions for the release and return of native vegetation. See the table on the next page for an overview of the activities, timing, and costs.

9 River Road Japanese Knotweed Management Plan 2023-2025		
Activity	Timing	Cost
2023		
Early Season Herbicide Treatment	July	\$750.00
Late Season Herbicide Treatment	August/September	\$750.00
Dormant Season Mulch Mow	Winter	\$1,200.00
2024		
Early Season Herbicide Treatment	June/July	\$700.00
Late Season Herbicide Treatment	August/September	\$700.00
Dormant Season Mulch Mow	Winter	\$1,100.00
2025		
Early Season Herbicide Treatment	June/July	\$650.00
Late Season Herbicide Treatment	August/September	\$650.00
Dormant Season Mulch Mow	Winter	\$1,000.00
Total Project Services Cost 2023-2025		\$7,500.00

The above prices are valid for 30 days. The prices are inclusive of all labor, materials, specialized equipment, as needed, mobilization and demobilization costs unless otherwise specified. All prices subjected to CT state sales tax. A 25% deposit will be required upon execution of the contract.

It is a pleasure to have the opportunity to work on this project and hope that this proposal meets with your approval. Please feel free to contact us again if you should have any questions or if we may be of any further assistance to you.

Best regards,

David Roach

David Roach PMCS.0003538
 General Manager
 All Habitat Services



Annie Kingston Knotweed Treatment Map

9 River Road, Essex CT 06426

