

File Copy

Town of Essex
Inland Wetlands and Watercourses Commission

Revised 3/9/2022

Application # 23-02 Date received by Office 2/24/23 Fee N/A

Owner of Record Town of Essex

Home Address _____

Mailing Address: 29 West Avenue, Essex, CT 06426

Phone: Home/Cell _____ Work: 860-767-4343

Applicant's Name: Town of Essex

Home Address _____

Mailing Address: 29 West Avenue, Essex, CT 06426

Phone: Home/Cell _____ Work: 860-767-4343

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

Location of Property by Street & Village Address: River Road

Map _____ Lot _____ Lot Size _____ District _____

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

Construction of a structure(s)	<u>X</u>	Discharge	<u>X</u>
Other site development work	_____	Pond creation/dredging	_____
Deposition or removal of material	<u>X</u>	Tree removal	<u>X</u>
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 : _____

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.

Explain what alternatives have been considered in connection with this application to avoid altering inland wetlands and/or watercourses?

Alternate locations for the sidewalk were considered some of which involve multiple crosswalks. For maximum pedestrian safety, it was decided not to have crosswalks and the safest location of the sidewalk was determined to be the south side of River Road.

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: 0.27 Ac
Approximate area of inland wetlands to be altered: 20 sf

Approximate length of watercourse(s) on the property: 100 ft
Approximate length of watercourse(s) to be altered: 0

Approximate number of acres of upland review area on the property: 3.22 Ac
Approximate area of upland review area to be altered: 0.4 Ac +/-

If known, are vernal pools or tidal wetlands located on the property? No
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? _____

Has the property been flagged by a licensed soil scientist Yes
If yes, by who, and when? Richard Snarski 2/20/23

Will there be water discharge into wetlands? Yes

Discharge – Specify Type Stormwater runoff from River Road

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)
See Attached	

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


Agent for Applicant: Robert L. Doane, Jr., P.E., L.S.

2/24/23

Owner's
Signature

Date


Agent for Owner: Robert L. Doane, Jr., P.E., L.S.

2/24/23

Commission Action

Approved

Denied

Date

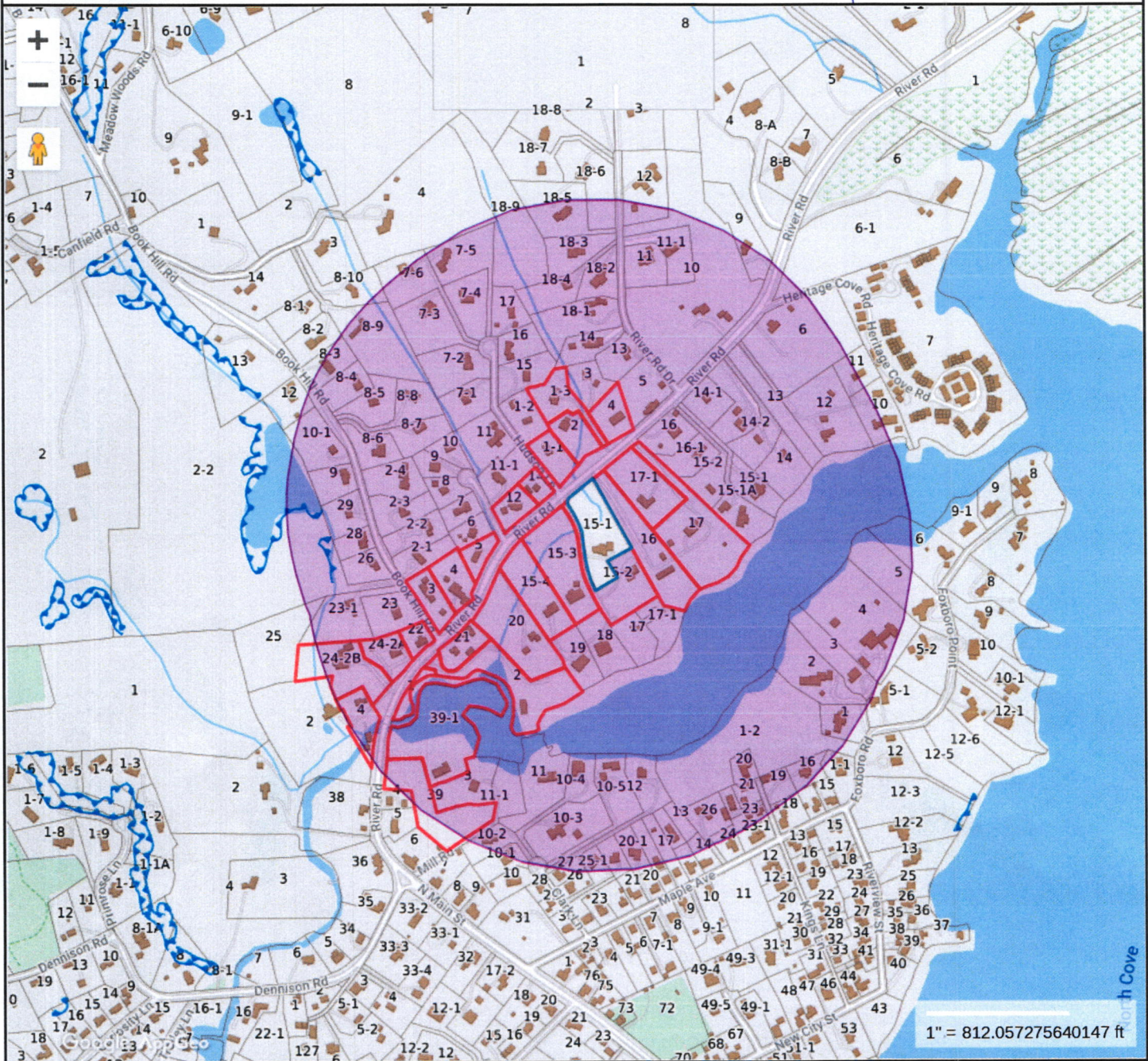
Agent Action

Approved

Denied

Date

List reflecting those properties w/in 100 ft of wetlands within 100 ft of project area.



Property Information

Parcel ID	Address
1-1	1-1
1-2	1-2
1-3	1-3
1-4	1-4
1-5	1-5
1-6	1-6
1-7	1-7
1-8	1-8
1-9	1-9
1-10	1-10
1-11	1-11
1-12	1-12
1-13	1-13
1-14	1-14
1-15	1-15
1-16	1-16
1-17	1-17
1-18	1-18
1-19	1-19
1-20	1-20
1-21	1-21
1-22	1-22
1-23	1-23
1-24	1-24
1-25	1-25
1-26	1-26
1-27	1-27
1-28	1-28
1-29	1-29
1-30	1-30
1-31	1-31
1-32	1-32
1-33	1-33
1-34	1-34
1-35	1-35
1-36	1-36
1-37	1-37
1-38	1-38
1-39	1-39
1-40	1-40
1-41	1-41
1-42	1-42
1-43	1-43
1-44	1-44
1-45	1-45
1-46	1-46
1-47	1-47
1-48	1-48
1-49	1-49
1-50	1-50
1-51	1-51
1-52	1-52
1-53	1-53
1-54	1-54
1-55	1-55
1-56	1-56
1-57	1-57
1-58	1-58
1-59	1-59
1-60	1-60
1-61	1-61
1-62	1-62
1-63	1-63
1-64	1-64
1-65	1-65
1-66	1-66
1-67	1-67
1-68	1-68
1-69	1-69
1-70	1-70
1-71	1-71
1-72	1-72
1-73	1-73
1-74	1-74
1-75	1-75
1-76	1-76
1-77	1-77
1-78	1-78
1-79	1-79
1-80	1-80
1-81	1-81
1-82	1-82
1-83	1-83
1-84	1-84
1-85	1-85
1-86	1-86
1-87	1-87
1-88	1-88
1-89	1-89
1-90	1-90
1-91	1-91
1-92	1-92
1-93	1-93
1-94	1-94
1-95	1-95
1-96	1-96
1-97	1-97
1-98	1-98
1-99	1-99
1-100	1-100

**MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT**

Town of Essex, CT makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 4/13/2021
Data updated daily

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

BEVERIDGE JOHN P
18 RIVER RD
ESSEX CT

BOULEM ROBERT M & CARRIE M
35 RIVER ROAD
ESSEX CT 06426

RICHMOND WARREN D & JAYNE L
3 HUDSON LA
ESSEX CT 06426

DOANE CHARLENE A
33 RIVER RD
ESSEX CT 06426

DOW WILLIAM M JR & MARI BUSS
52 RIVER RD
ESSEX CT 06426

EMCH SALLY B
49 RIVER RD
ESSEX CT 06426

FERRUCCI PAUL V & JENNIFER G
62 RIVER RD
ESSEX CT 06426

PIPOLI ROSANNE F
5 BOOK HILL RD
ESSEX CT 06426

HARRON PETER HAL INGHAM &
COLETTE M
21 RIVER RD
ESSEX CT 06426

LUSTER STEVEN M & MARY E
22 RIVER ROAD
ESSEX CT 06426

QUIGLEY D SAMUEL & MARGUERITE
D'APRILE
25 RIVER RD
ESSEX CT 06426

QUIGLEY D SAMUEL & MARGUERITE
D'APRILE
25 RIVER RD
ESSEX CT 06426

HAJJAR DAVID P & KATHERINE A
51 RIVER RD
ESSEX CT 06426

COLEMAN DAVID S
37 RIVER RD
ESSEX CT 06426

MAZZARESE LOUIS J & KAREN M
60 RIVER RD
ESSEX CT 06426

KLIN BARBARA A & THOMAS P
PO BOX 453
ESSEX CT 06426

ROGERS JOHN S & CORBIN ANDREW R
24 RIVER RD
ESSEX CT 06426

RICE MICHAEL TRUSTEE
47 RIVER RD
ESSEX CT 06426

KOLB JOHN H III
43 RIVER RD
ESSEX CT 06426

SCHNEIDER ELEANOR V
38 RIVER RD
ESSEX CT 06426

SCHNEIDER STEVEN S & KINGSTON
ANNE E
9 RIVER RD
ESSEX CT 06426

SEGAL HARRY & SAVAD JOHANNA (JT)
28 RIVER RD
ESSEX CT 06426

BRAY CHRISTOPHER & CELANO KRISTIN
48 RIVER RD
ESSEX CT 06426

LUKASIK APRIL
9 MILL RD
ESSEX CT 06426

BERNARDI JOHN ROBERT & BRENDA
CHERYL
44 RIVER RD
ESSEX CT 06426

HERLIHY LYNN D
45 RIVER ROAD
ESSEX CT 06426



Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete this form in accordance with the instructions on pages 2 and 3 and mail to:

DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd Floor, Hartford, CT 06106

Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

PART I: Must Be Completed By The Inland Wetlands Agency

- DATE ACTION WAS TAKEN: year: _____ month: _____
- ACTION TAKEN (see instructions - one code only): _____
- WAS A PUBLIC HEARING HELD (check one)? yes no
- NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
(print name) _____ (signature) _____

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

- TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name): Essex
does this project cross municipal boundaries (check one)? yes no
if yes, list the other town(s) in which the activity is occurring (print name(s)): _____
- LOCATION (see instructions for information): USGS quad name: Essex or number: 99
subregional drainage basin number: _____
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): Town of Essex, CT
- NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): Town of Essex, River Road Sidewalk
briefly describe the action/project/activity (check and print information): temporary permanent description: Proposed to construct a sidewalk along River Road
- ACTIVITY PURPOSE CODE (see instructions - one code only): E
- ACTIVITY TYPE CODE(S) (see instructions for codes): 1, 2, 9, 10, 12, 14
- WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):
wetlands: 0.0005 acres open water body: 0 acres stream: 0 linear feet
- UPLAND AREA ALTERED (must provide acres): 0.4 acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

DATE RECEIVED:

PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

Essex Inland Wetlands & Watercourses Commission
Permit Application
Prepared for
The Town of Essex
River Road Sidewalk Project
2/24/23
Page 1 of 2

The Town of Essex is constructing a sidewalk along the southern side of River Road from the end of the existing sidewalk extending from North Main Street to the driveway entrance at Heritage Cove. The sidewalk is approximately 3,400 ft long and is constructed completely in the River Road right of way, as shown on the attached plans.

On the site plan, the sidewalk is marked with station numbers starting at 0 + 00 to 34 + 00. At station 2 + 90, the grade of the sidewalk requires placement of a retaining wall adjacent to the flagged wetlands to the existing bridge abutment. A pedestrian bridge will be installed over the Falls River, which bridge will require construction of foundations. The foundations will be built on the landward side of the existing wingwalls. On the east side of the pedestrian bridge and the east side of the existing River Road bridge at approximate station 4 + 25, the sidewalk will again require a retaining wall, which varies in height from 2 ft to 4 ft. Installation of the retaining wall will require removal of trees on the existing embankment.

Adjacent to the existing wingwall, a portion of the retaining wall will be in wetlands covering approximately 20 sf. At station 6 + 80 ±, the retaining wall will end as the sidewalk moves north to go around a 48 inch diameter sycamore tree.

Beyond the sycamore tree the sidewalk will no longer require a retaining wall. From station 7 + 0 to station 11 + 25, the entire River Road will be reconstructed to accommodate an alignment that allows protection of the forementioned sycamore tree. The regulated area associated with the Falls River wetlands ends at approximate station 8 + 50.

At approximate station 14 + 35, the proposed sidewalk is again within an upland review area, which continues until station 24 + 00. At station 16 + 30 ±, the sidewalk will be immediately adjacent to a headwall at the outlet of an existing 18" reinforced concrete pipe (RCP). At this location, we proposed to install a catch basin, which will incorporate the existing 18" RCP. Work will be done immediately adjacent to the wetlands identified by wetland flag # 23 and wetland flag # 24.

At station 19 + 0, the design of the sidewalk changes from a monolithic curb to a simple 5 ft wide concrete sidewalk. At the end of the portion of the sidewalk with the monolithic curb, it is necessary to put in a catch basin, which catch basin will be installed with an 18" RCP outletting at the toe of the slope adjacent to an existing stonewall. On the opposite side of the stonewall, there are wetlands in close proximity, identified by wetland flag # 32 and wetland flag # 33.

Permit Application
Prepared for
The Town of Essex
River Road Sidewalk Project
2/24/23
Page 2 of 2

At station 20 + 15, the sidewalk will again be constructed immediately adjacent to a headwall, which headwall is at the outlet of an existing 18" RCP. No catch basin is required at this location and there may be minor temporary wetland disturbance adjacent to wetland flag # 38.

At station 22 + 0, the sidewalk must again crossover an existing drainage pipe and be constructed immediately adjacent to an existing headwall. The drainage pipe at this headwall is a 30 inch RCP. Construction of the sidewalk may involve a small amount of temporary disturbance at wetland flag # 47 and wetland flag # 48.

The sidewalk remains in the upland review area to station 24 + 0. The amount of grading associated with construction will be minimized as we try to match existing grade as much as possible with the finished sidewalk grade. From station 24 + 0, to the end of the sidewalk at station 34 + 0, there are no wetlands within 100 ft of the proposed construction.

Typically, when we construct sidewalk and roadway on behalf of the Town, there are often minor site modifications required to accommodate conditions found as we excavate for the proposed sidewalk.

In summary, there would be approximately 0.4 acres of activity within the upland review areas and approximately 20 sf of construction activity within the wetlands.