

# PLAT of SUBDIVISION Town of Essex Chittenden County, Vermont





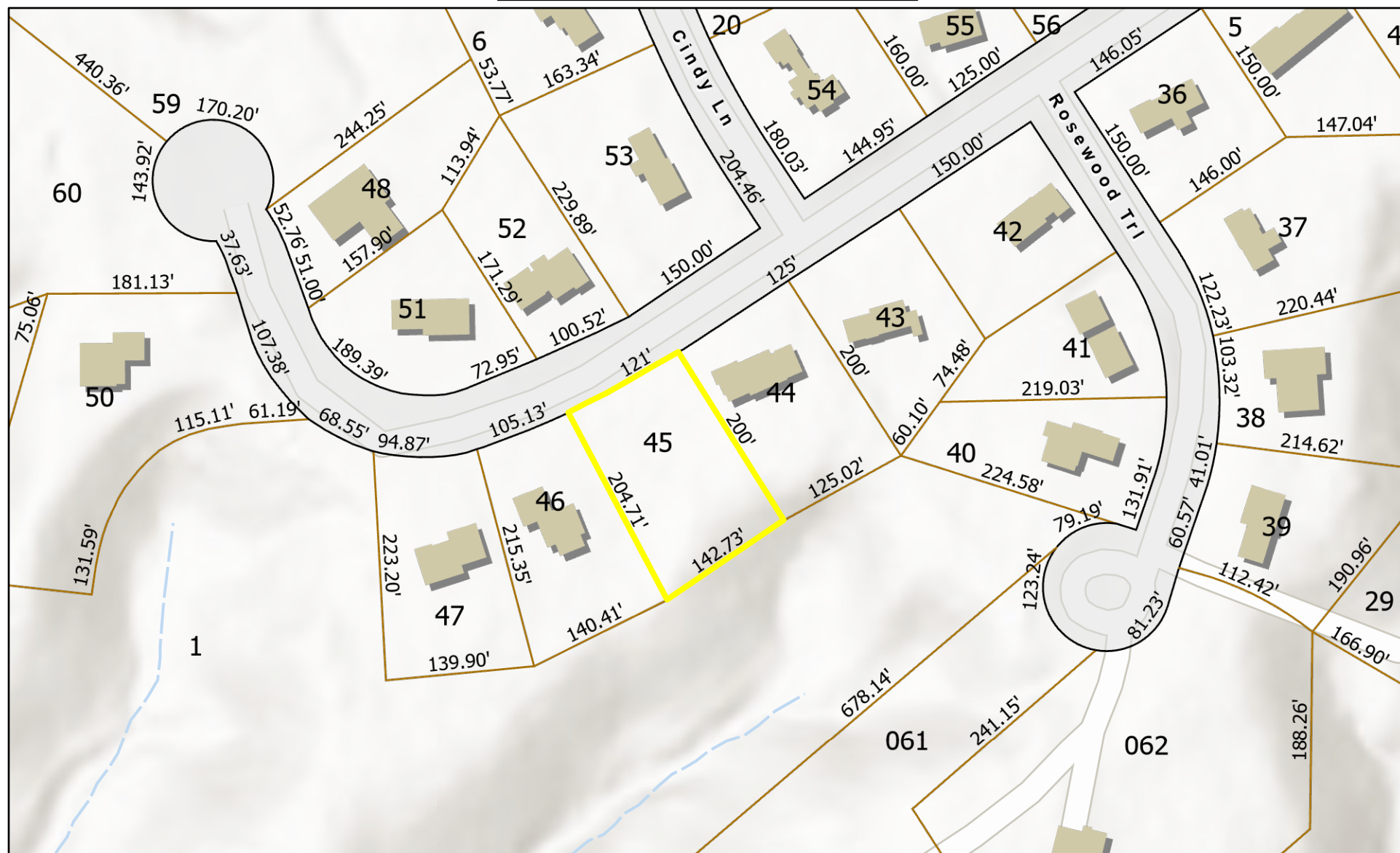
Town of Essex, VT

1 inch = 135 Feet



November 24, 2025

www.cai-tech.com



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

# Know all Men by these Presents

That

THE TOWN OF ESSEX, a municipal corporation

of Essex in the County of Chittenden  
and State of Vermont Grantor, in the consideration of  
-----TEN AND MORE-----Dollars  
paid to its full satisfaction by  
JUDITH KRIZAN

of Essex in the County of Chittenden  
and State of Vermont Grantee, by these presents, do  
freely Give, Grant, Sell, Convey And Confirm unto the said Grant  
JUDITH KRIZAN

and her heirs and assigns forever, a  
certain piece of land in Essex in the  
County of Chittenden and State of Vermont, described as  
follows, viz:

A lot of land situated on the southerly side of Tanglewood Drive,  
being Lot J-27 as shown on the plan of Birchwood Manor IX, dated  
June 27, 1969 and recorded in the Map Volume 1 at Page 69 of the  
Town of Essex Land Records.

Being Parcel E as described in a tax collector's deed dated  
August 24, 1978 and recorded in Volume 141 at Page 355 of said  
Land Records, and being a portion of the land and premises  
conveyed to Richard S. Pope by Quit Claim Deeds of Birchwood  
Manor Corporation.

Reference is hereby made to the above-mentioned deeds, maps and  
records and the deeds and records contained therein in further  
aid of this description.

Vermont Property Transfer Tax  
32 V.S.A. Chap. 231

**ACKNOWLEDGMENT**  
Return Rec'd. -- Tax Land Record or Health Cert. Rec'd. --  
Vt. Land Use & Development Plans Act Cert. Rec'd.  
Return No. 11593825  
Signed J. M. Krizan, Clerk  
Date March 29, 1982

For Notice of Reservation & Right. See V. 947 C. 105  
To be sent to Attorney, See V. 981 P. 594, 08/11/2017

purtenances thereof, to the said Grantee

JUDITH KRIZAN

And it the said Grantor heirs and assigns, to their own use and behoof forever;

TOWN OF ESSEX

successors and assigns for itself and its heirs,  
~~executors and administrators, do~~ covenant with the said Grantee

JUDITH KRIZAN

heirs and assigns, that until the ensembling of these presents it is  
 the sole owner of the premises, and have good right and title to convey the  
 same in manner aforesaid, that they are Free From Every Encumbrance;  
 except as aforesaid

I hereby engage to Warrant And Defend the same against all lawful claims  
~~in arrears~~, arising subsequent to the date of acquisition by the Town  
 of Essex

In Witness Whereof, I day of hereunto set my hand and seal  
 this 28<sup>th</sup> June A. D. 19 82

In Presence of

TOWN OF ESSEX

BY: Kevin D. Ryan  
 KEVIN D. RYAN, Duly  
 Authorized Town Agent

State Of Vermont,

County of Chittenden

} ss.

At

Essex

day of

June

this  
 A. D. 19 82

KEVIN D. RYAN, Duly Authorized Agent for  
 the Town of Essex

personally appeared, and he acknowledged this instrument, by  
 him sealed and subscribed, to be his free act and deed, and  
 the free act and deed of the Town of Essex.

Before me Rosa Lee Crowlson

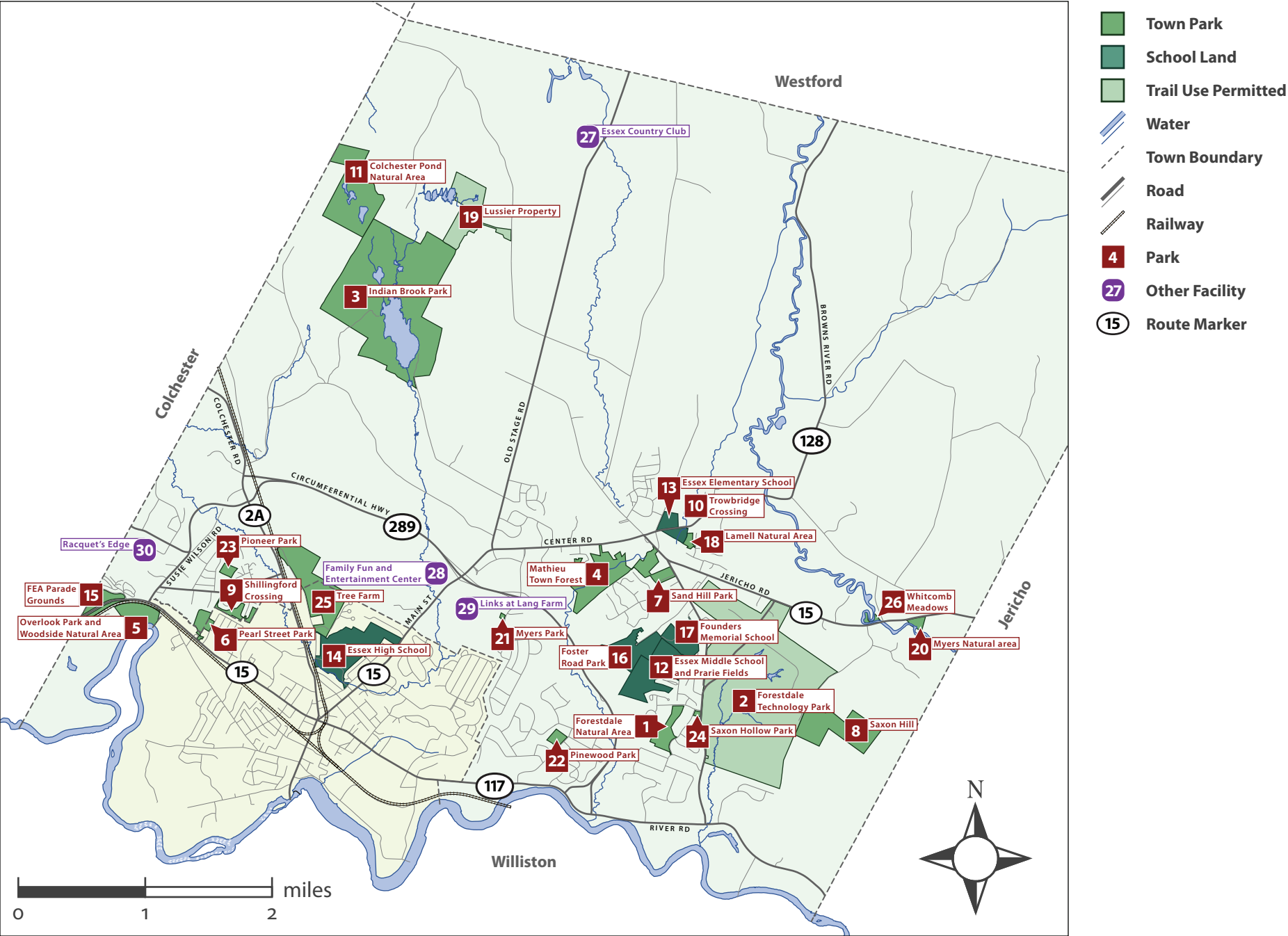
Notary Public

(Title)

Essex, Vermont Town Clerk's Office, June 29, 1982 at 12 o'clock and 45 minutes p.m.,  
 received for record the instrument of which the foregoing is a true record.

Attest: Jane M. Yandon  
 Town Clerk

# Essex Parks and Recreation



**TOWN OF ESSEX, VERMONT**  
**APPLICATION FOR CURB CUT / UTILITY PERMIT**

Pursuant to Title 19 V.S.A. Section 43. Application for curb cut and Utility Installation in Town Right-of-Way

All applications for curb cuts and utility installations shall be submitted to the Director of Public Works / Town Engineer for review. Applicants shall submit the information requested on this form and any additional information requested by the Director of Public Works / Town Engineer for a clear understanding of this application. The permit is issued under authority of the Town Manager in accordance with Section 601 of the Town Charter and 24 V.S.A. paragraph 1236 (2).

Application No. \_\_\_\_\_ / \_\_\_\_\_  
Date

Property Address: \_\_\_\_\_

Owner Address: \_\_\_\_\_

Owner Name: \_\_\_\_\_

Phone Number: (home) \_\_\_\_\_ (work) \_\_\_\_\_ (cell) \_\_\_\_\_

Tax Map # \_\_\_\_ Tax Parcel \_\_\_\_ Tax Lot \_\_\_\_

Application is for: (check one)

A) New Curb Cut ☐ B) Utility Installation: Overhead ☐ Underground ☐

Please use attached diagram to describe location and type of installation.

Comments by Director of Public Works / Town Engineer:

Culvert : Yes ☐ No ☐ Water Bar(s) : Yes ☐ No ☐

Culvert Diameter: (18 inch minimum) \_\_\_\_\_ Total length of Culvert: (30 foot minimum) \_\_\_\_\_

Signature of Owner:

\_\_\_\_\_

\*\*\* FOR OFFICE USE ONLY \*\*\*

Fee Paid \$ \_\_\_\_\_

Approved ☐ Rejected ☐

\_\_\_\_\_  
Per Authority of the Town Manager by the  
Director of Public Works / Town Engineer

1. Culvert must be HIGH DENSITY POLYETHYLENE (HDPE) PIPE
2. Culvert will be purchased by the Applicant
3. Culvert will be purchased and installed by the applicant. The Town of Essex Department of Public Works will inspect.

Note: A MINIMUM OF 24 HOURS NOTICE IS REQUIRED PRIOR TO COMMENCEMENT OF CONSTRUCTION. WITHIN 24 HOURS OF COMPLETION, THE APPLICANT IS REQUIRED TO NOTIFY THE DIRECTOR OF PUBLIC WORKS / TOWN ENGINEER FOR INSPECTION PURPOSES.



TOWN OF ESSEX

Application Date \_\_\_\_ / \_\_\_\_ / \_\_\_\_

81 Main Street, Essex Junction, VT 05452 (802) 878-1344 www.essexvt.org

## WASTEWATER ALLOCATION PERMIT APPLICATION

Applicant Name \_\_\_\_\_ Property Street Address for Allocation \_\_\_\_\_  
Project Name/Description \_\_\_\_\_  
Parcel Account Number from tax maps (map- parcel-lot) \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
Mailing Address of Applicant \_\_\_\_\_  
Applicant Contacts: Work Phone \_\_\_\_\_ Cell Phone \_\_\_\_\_ e-mail \_\_\_\_\_

### REQUIRED INFORMATION FOR ALL WASTEWATER ALLOCATION APPLICATIONS:

- 1) Requested volume of wastewater (in gallons per day and equivalent user units) \_\_\_\_\_ gpd \_\_\_\_ EU  
(Note: 1 EU equals 200gpd )
- 2) Documentation/calculations on the basis of the wastewater flow estimate, including information on the characteristics of the wastewater in cases other than normal domestic wastewater.
- 3) Certification by a Vermont licensed civil or environmental PE for developments generating more than 1000 gpd of estimated wastewater flow.
- 4) Documentation on the number of EU's for the requested parcel as identified on the current Wastewater Allocation Map
- 5) Supporting documentation on Town or State project approval and date of approval \_\_\_\_\_

### ADDITIONAL REQUIRED INFORMATION

Check One of the following:

- \_\_\_\_ The permit application is for development on land area with designated allocation capacity equal to or less than 100% of the EU's identified for the parcel on the current Wastewater Allocation Map in categories C, D and E. *No additional information is required.*
- \_\_\_\_ The permit application is for development on land area with designated capacity over 100% but less than 125% of the EU's identified for the parcel on the Feb 2011 allocation map in categories C, D and E. *Additional requirements must be met per Section 10.18.060 of the Wastewater Allocation Ordinance.*
- \_\_\_\_ The permit application is for a) appeal of a Town Manager denial, b) the application is for more than 125% of the maximum number of EU's depicted on the current approved Wastewater Allocation Map, c) the application is for more than 125% of the previously approved sewer allocation for the property except in the case where the added E.U is less than 1 or d) the allocation is for category B. *Additional requirements must be met per Section 10.18.070 B of the Wastewater Allocation Ordinance.*

By signature, the Applicant(s) agrees that the information contained in this application and any related attachments is accurate to the best of his/her/their knowledge.

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date  
(continued on reverse)



## Town Portion of Permit

Permit Number \_\_\_\_\_

Applicant \_\_\_\_\_

Project Description \_\_\_\_\_

### Status of Project Approval:

- \_\_\_\_\_ Sketch Plan approved by the Planning Commission  
\_\_\_\_\_ Preliminary or Final Approval by the Planning Commission  
\_\_\_\_\_ Act 250 or ANR Protection Division Approval with Town certification of capacity to serve  
\_\_\_\_\_ Zoning Administrator approval for minor projects using municipal sewer  
\_\_\_\_\_ Manager approval (if required)  
\_\_\_\_\_ Selectboard approval (if required)  
\_\_\_\_\_ Other (document)

Basis of Renewal Fee: see attached

### Renewal Fee Schedule:

Allocated Capacity

Year 1: Date of Wastewater Allocation Approval \_\_\_\_\_

\_\_\_\_\_ gpd

Year 2: Renewal Date \_\_\_\_\_

Year 3: Renewal Date \_\_\_\_\_

Renewal fee must be paid before  
the start of year 4:

Fee Paid

Purchased  
Capacity

Total Purchased  
Capacity

Year 4: Renewal Date \_\_\_\_\_

\$ \_\_\_\_\_

\_\_\_\_\_ gpd

\_\_\_\_\_ gpd

Year 5: Renewal Date \_\_\_\_\_

\$ \_\_\_\_\_

\_\_\_\_\_ gpd

\_\_\_\_\_ gpd

Year 6: Renewal Date \_\_\_\_\_

\$ \_\_\_\_\_

\_\_\_\_\_ gpd

\_\_\_\_\_ gpd

Year 7: Renewal Date \_\_\_\_\_

\$ \_\_\_\_\_

\_\_\_\_\_ gpd

\_\_\_\_\_ gpd

Year 8: Renewal Date \_\_\_\_\_

\$ \_\_\_\_\_

\_\_\_\_\_ gpd

\_\_\_\_\_ gpd

Year 9: Renewal Date \_\_\_\_\_

\$ \_\_\_\_\_

\_\_\_\_\_ gpd

\_\_\_\_\_ gpd

Year 10: Renewal Date \_\_\_\_\_

\$ \_\_\_\_\_

\_\_\_\_\_ gpd

\_\_\_\_\_ gpd

\_\_\_\_\_ Conditions of Approval (see attached documentation if relevant)

\_\_\_\_\_ Approved

\_\_\_\_\_ Denied

\_\_\_\_\_  
Town Manager or Designated Representative

\_\_\_\_\_  
Date

# Town of Essex

## Application for Sewer Service

Revised Dec 2022

The undersigned, being the owner / owner's agent of the property located at:

Street Address: \_\_\_\_\_ Development: \_\_\_\_\_

Tax Map # \_\_\_\_\_ Tax Parcel \_\_\_\_\_ Tax Lot \_\_\_\_\_

Does hereby request a permit to install and connect a building sewer to

serve \_\_\_\_\_ unit(s) ☐ Residential ☐ Commercial ☐ Industrial structure

Installer / Contractor:

Property Owner:

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

The owner / agent agrees:

- a) That all work shall be in accordance with the Town Sewer Ordinance, the Town Public Works Specifications, and all other pertinent ordinances or regulations of the Town of Essex.
- b) To install and maintain the private building sewer at no expense to the Town.
- c) To notify the Public Works Office twenty four hours prior to the start of construction for inspection purposes. No part of the sewer line may be covered until it has been inspected by the Town Representative.
- d) To pay the sewer charges (construction and operations) which are billed as set forth in the water/sewer fee schedule.

Signed : \_\_\_\_\_

Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

(Signature of Owner / Agent)

PLEASE MAKE CHECK PAYABLE TO TOWN OF ESSEX WATER AND SEWER DEPARTMENT AND RETURN ALONG WITH APPLICATION TO THE COMMUNITY DEVELOPMENT OFFICE.  
DO NOT COMBINE WITH ZONING PERMIT FEE.

### ***For Office Use Only***

\_\_\_\_\_ gallons / day x \$10.60 = \$ \_\_\_\_\_ + \$1,000 = \$ \_\_\_\_\_

Received by: \_\_\_\_\_

Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

Approved by: \_\_\_\_\_

Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

☐

Letter Sent

☐

Finance Notified

Inspected by: \_\_\_\_\_

Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

☐

Tie Drawing

☐

Finance Notified

Master List Updated:

☐

Approved

☐

Inspected

# Town of Essex

## Application for Water Service

Revised Dec 2022

The undersigned, being the owner / owner's agent of the property located at:

Street Address: \_\_\_\_\_ Development: \_\_\_\_\_

Tax Map # \_\_\_\_ Tax Parcel \_\_\_\_ Tax Lot \_\_\_\_

Does hereby request a permit to initiate water service as noted below to

serve \_\_\_\_\_ unit(s) ☐ Residential ☐ Commercial ☐ Industrial structure

Installer / Contractor:

Property Owner:

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Phone: \_\_\_\_\_

Firm Performing Main Line Tap:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

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1.) The above requested service includes the installation of a 3/4" x 5/8" water meter for residential use and up to a 2" simple meter for non-residential use. The information necessary to determine the correct meter size shall be supplied by the applicant (minimum to maximum range of use). Meters 5/8", 3/4" and 1" shall be installed by the Town. Meters above 1" shall be installed by the owner/applicant or qualified representative.

2.) Property owner / agent is responsible for and must provide all necessary excavation form the main to the building or structure.

3.) Property owner / agent agrees to provide the Town a minimum of 24 hours notice prior to installation for inspection purposes. No part of the water line may be covered until it has been inspected by the Town Representative.

4.) Property owner / agent agrees to restore all disturbed areas to original condition after the installation of said water service.

5.) The water service can be turned on only by an employee of the Town of Essex Water Department.

6.) Meter spacers must be obtained from the Town of Essex Water Department.

7.) The owner / agent agrees that all installation and work will conform to the Town Public Works Specifications and the Water Ordinance and Regulations of the Town of Essex.

8.) In consideration of water service supplied by the Town of Essex Water Department, I agree to be responsible for payment of all bills rendered and for all water used by me, my tenants, successors in tenancy or in ownership, and all persons at above locations, unless and until proper notice is given to the Town Water Department of termination of service on a specific date. I also agree to abide by all rules and regulations established by the Essex Water Department.

Signed : \_\_\_\_\_ Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

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PLEASE MAKE CHECK PAYABLE TO TOWN OF ESSEX WATER AND SEWER DEPARTMENT.  
DO NOT COMBINE WITH ZONING PERMIT FEE.

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All water services are subject to a service initiation fee as set by the Water/Sewer Fee Schedule adopted by the Selectboard. The following fee schedule shall apply to all municipal water connections.

**FOR OFFICE USE ONLY:**

\_\_\_\_\_ gallons/day x \$ 5.90 = \$ \_\_\_\_\_ + \$1,000 = \$ \_\_\_\_\_

Connection Fee: \$ \_\_\_\_\_ Rcvd by: \_\_\_\_\_ Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ ☐ Finance Notified

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Approved by: \_\_\_\_\_ Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ ☐ Letter Sent ☐ Finance Notified

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Inspected by: \_\_\_\_\_ Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_ ☐ Tie Drawing ☐ Finance Notified

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☐ Meter Installed Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_

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Master List Updated: ☐ Approved ☐ Inspected ☐ Metered

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# Vermont Mandatory Flood Disclosure



Date Prepared: 11/20/2025

Seller's Name(s): Ingrid J. Krizan, Executor Estate of Judith Krizan

Property Address: 43 Tanglewood Drive, Essex VT  
Street City/Town

27 V.S.A. § 380 requires all Sellers of real property in Vermont to disclose the flood risk and status of their property to the Buyer. Sellers are required to provide a physical, electronic, or digital link to a copy of the official Flood Insurance Rate Map (FIRM) published by FEMA. It is the Seller's responsibility to locate this map, either online or through their Town office. The Federal Emergency Management Agency (FEMA) search engine can be found at <https://msc.fema.gov/portal/home>.

- ☒ A copy of the FEMA map for the Property is attached; or,
- ☐ A link to the FEMA map for the Property is as follows: \_\_\_\_\_; or,
- ☐ A FEMA map is unavailable for the Property or the community in which the property is located.

1	Has the Property been subject to flooding or flood damage while the seller possessed the property, including flood damage from inundation or from flood-related erosion or landslide damage?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
1a	If yes, please describe:		
2	Does the seller maintain flood insurance on the Property?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

**THE STATEMENTS IN THIS REPORT ARE MADE BY THE SELLER. THEY ARE NOT STATEMENTS OR REPRESENTATIONS MADE BY ANY REAL ESTATE AGENT(S).**

Seller: <div style="border: 1px solid black; padding: 2px; display: inline-block;">Ingrid J. Krizan, Executor</div> (Signature)	<div style="border: 1px solid black; padding: 2px; display: inline-block; width: 150px; height: 1.2em;">dotloop verified 11/24/25 9:06 AM CST YTDP-RDBM-YWLP-DHLP</div> (Date)
Seller: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)	Seller: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)
Seller: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)	Seller: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)

*Buyer acknowledges receipt of this Disclosure. It is the Buyer's responsibility to review any attached or linked maps for information regarding potential flood hazard areas affecting the Property. There may be map amendments or other information available at <https://msc.fema.gov/portal/home>.*

Buyer: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)	Buyer: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)
Buyer: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)	Buyer: <div style="border: 1px solid black; width: 150px; height: 1.2em;"></div> (Signature)



## NOTES TO USERS

is for use in administering the National Flood Insurance Program. It does not identify areas subject to flooding, particularly from local drainage of small size. The community map repository should be consulted for a updated or additional flood hazard information.

on more detailed information in areas where Base Flood Elevations (BFEs) floodways have been determined, users are encouraged to consult the Flood and Floodway Data and/or Summary of Floodway Elevations tables contained in the Flood Insurance Study (FIS) Report that accompanies the FIRM. Users are aware that BFEs shown on the FIRM represent rounded whole-foot values. These BFEs are intended for flood insurance rating purposes only and not be used as the sole source of flood elevation information. Accordingly, portion data presented in the FIS Report should be utilized in conjunction with M for purposes of construction and/or floodplain management.

ries of the floodways were computed at cross sections and interpolated at cross sections. The floodways were based on hydraulic considerations with requirements of the National Flood Insurance Program. Floodway widths at pertinent floodway data are provided in the Flood Insurance Study Report jurisdiction.

areas not in Special Flood Hazard Areas may be protected by flood control measures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study for information on flood control structures for this jurisdiction.

jection used in the preparation of this map was Vermont State Plane FIPS zone 4400. The horizontal datum was NAD 83, GRS 1980. Differences in datum, spherical projection or UTM zones used in the son of FRMs for adjacent jurisdictions may result in slight positional ces in map features across jurisdiction boundaries. These differences do not accuracy of this FIRM.

evations on this map are referenced to the North American Vertical Datum of 1988. Flood elevations must be compared to structure and ground elevations out to the same vertical datum. For information regarding conversion in the National Geographic Vertical Datum of 1929 and the North American Datum of 1983, visit the National Geographic Survey website at [nads.ngs.noaa.gov](http://nads.ngs.noaa.gov) or contact the National Geographic Survey at the following:

formation Services  
NNGS12  
National Survey  
3, #9202  
and West Highway  
Spring, Maryland 20910-3282  
13-3242

in current elevation, description, and/or location information for bench marks on this map, please contact the Information Services Branch of the National Survey at (202) 713-3242, or visit its website at <http://www.ngs.noaa.gov>.

ap information shown on this FIRM was derived from digital orthophotography d by the Vermont Center for Geographic Information. This information was d from photography dated 1999.

file baselines depicted on this map represent the hydraulic modeling baselines of the flood profiles in the FIS report. As a result of improved topographic data, file baselines, in some cases, may deviate significantly from the channel ne or appear outside the SFHA.

on updated topographic information this map reflects more detailed and stream channel configuration and floodplain delineations than shown on the previous FIRM for this jurisdiction. As a result, the Flood and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect channel distances that differ from what is shown on the map. Also, the floodplain relationships for unimproved streams may differ from what is on previous maps.

ate limits shown on this map are based on the best data available at the time cation. Because changes due to annexations or de-annexations may have d after this map was published, map users should contact appropriate nty officials to verify current corporate limit locations.

refer to the separately printed Map Index for an overview map of the showing the layout of map panels, community map repository addresses, Listing of Communities table containing National Flood Insurance Program x each community as well as a listing of the panels on which each community is.

ration on available products associated with this FIRM visit the Map Service (MSC) website at: <http://flood.fema.gov>. Available products may include gely issued Letters of Map Change, a Flood Insurance Study Report, and/or versions of this map. Many of these products can be ordered or obtained from the MSC website.

have questions about this map, how to order products or the National Flood Insurance Program in general, please call the FEMA Map Information exchange at 1-877-FEMA-MAP (1-877-336-2627) or visit the FEMA website at: [www.fema.gov/business/fmfp](http://www.fema.gov/business/fmfp).



### LEGEND

**SPECIAL FLOOD HAZARD AREAS (SFHA) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**  
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zone A, AE, AR, AO, AH, A1, A2, A3, V, and VE. The Base Flood Elevation is the water surface elevation of the 1% annual chance flood.

**Zone A**  
No Base Flood Elevations determined.  
Base Flood Elevations determined.

**Zone AE**  
Flood depths of 1 to 3 feet (usually areas of ponding). Base Flood Elevation determined.

**Zone AO**  
Flood depths of 1 to 3 feet (usually sheet flow or sloping terrain). Areas depths determined. For areas of shallow fast flooding, velocities also determined.

**Zone AR**  
Special Flood Hazard Areas formerly designated from the 1% annual chance flood by a flood control system that was subsequently dismantled. Zone AR indicates that the former flood control system is being restored to protect from the 1% annual chance flood.

**Zone AH**  
Areas to be protected from 1% annual chance flood by a Federal Flood protection system under construction. No Base Flood Elevation determined. Coastal flood zone with velocity hazard (wave action). No Base Flood Elevation determined.

**Zone V**  
Coastal flood zone with velocity hazard (wave action). Base Flood Elevation determined.

**Zone VE**  
Coastal flood zone with velocity hazard (wave action). Base Flood Elevation determined.

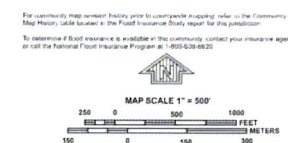
**FLOODWAY AREAS IN ZONE AE**  
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept unobstructed so that the 1% annual chance flood can be carried without substantial increase in flood heights.

**OTHER FLOOD AREAS**  
**Zone X**  
Areas of 0.2% annual chance flood, areas of 1% annual chance flood with average depths of less than 1 foot and with design areas less than 1 square mile, and areas protected by levees from 1% annual chance flood.

**OTHER AREAS**  
**Zone X**  
Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.

**COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**  
**OTHERWISE PROTECTED AREAS (OPA)**  
CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.  
1% Annual Chance Floodplain Boundary  
0.2% Annual Chance Floodplain Boundary  
Floodway boundary  
Zone D boundary  
FIRMS and OPA boundary  
Boundary dividing Special Flood Hazard Area Zones and basins having Special Flood Hazard Areas of different Base Flood Elevation depths, or flood velocities.  
Base Flood Elevation line and value, elevation in feet  
Base Flood Elevation value when uniform within zone, elevation in feet.  
Reference to the North American Vertical Datum of 1988.

**Map Symbols**  
Cross section line  
Nameless line  
Culvert  
Bridge  
Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) (Western Hemisphere)  
1000-meter scale, Vermont State Plane, Zone 4400 (FIPS Zone 4400), Transverse Mercator projection  
1000-meter Universal Transverse Mercator grid system (Zone 18)  
Bench mark name explanation in Notes to Users section of this panel.  
Base Map  
MAP REVISIONS  
Refer to Map Revisions table on Map Index.  
EFFECTIVE DATE OF COUNTY-WIDE FLOOD INSURANCE RATE MAP  
July 16, 2017  
EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL



**NFIP**  
**NATIONAL FLOOD INSURANCE PROGRAM**

**PANEL 0164D**

**FIRM**  
**FLOOD INSURANCE RATE MAI**  
**CHITTENDEN COUNT**  
**VERMONT**  
**(ALL JURISDICTIONS)**

**PANEL 164 OF 500**  
(SEE MAP INDEX FOR FIRM PANEL LAYO

**CONTAINS:**  
**COMMUNITY**  
ESSEN, TOWN OF

**NUMBER**  
50007C01

**PANEL**  
0164D

**5**

**Notice to User:** The Map Number shown should be used when placing map order. Community Number shown above should be used on insurance applications for the community.

**MAP NUM**  
**50007C01**  
**EFFECTIVE D**  
**JULY 16, 2**  
**Federal Emergency Management Ag**